ASHTABULA, OHIO-PENNSYLVANIA

NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (WETLANDS)

1:100 000-scale
wetland map of

Ashtabula

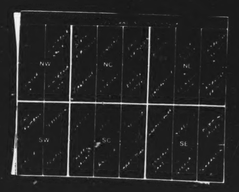
OHIO-PENNSYLVANIA

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

FISH & WILDLIFE SERVICE

1981

Produced by the United States Fish and Wildlife Service



Conneaut

Light

Ashtabula

PHOTOGRAPHY UNAVAILABLE

SCALE 1:100 000

WETLAND LEGEND

ASHTABULA, OHIO-PENNSYLVANIA

1981

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

CW-14

L A K E E R I E

L10WH

CLEVELAND NE
ASHTABULA

SCALE 1:24000

1

41°52.30'

A/P 4/77 80°45'

ASHTABULA NORTH, OHIO

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo identifiable areas and/or unintentional omissions

M – MARINE

ECOLOGICAL SYSTEM

E – ESTUARINE

ECOLOGICAL SYSTEM

R – RIVERINE

ECOLOGICAL SYSTEM

L – LACUSTRINE

ECOLOGICAL SYSTEM

P – PALUSTRINE

ECOLOGICAL SYSTEM

MODIFYING TERMS

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WATER REGIME(1)		WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
Non Tidal	Tidal	Coastal Salinity – Inland Salinity – pH Modifiers for all Fresh Water		

(1) Information on the water regime modifiers found on this legend but not found in the classification system may be obtained from the above listed source.

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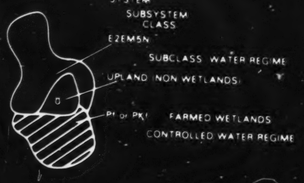
SYMBOLOGY EXAMPLE



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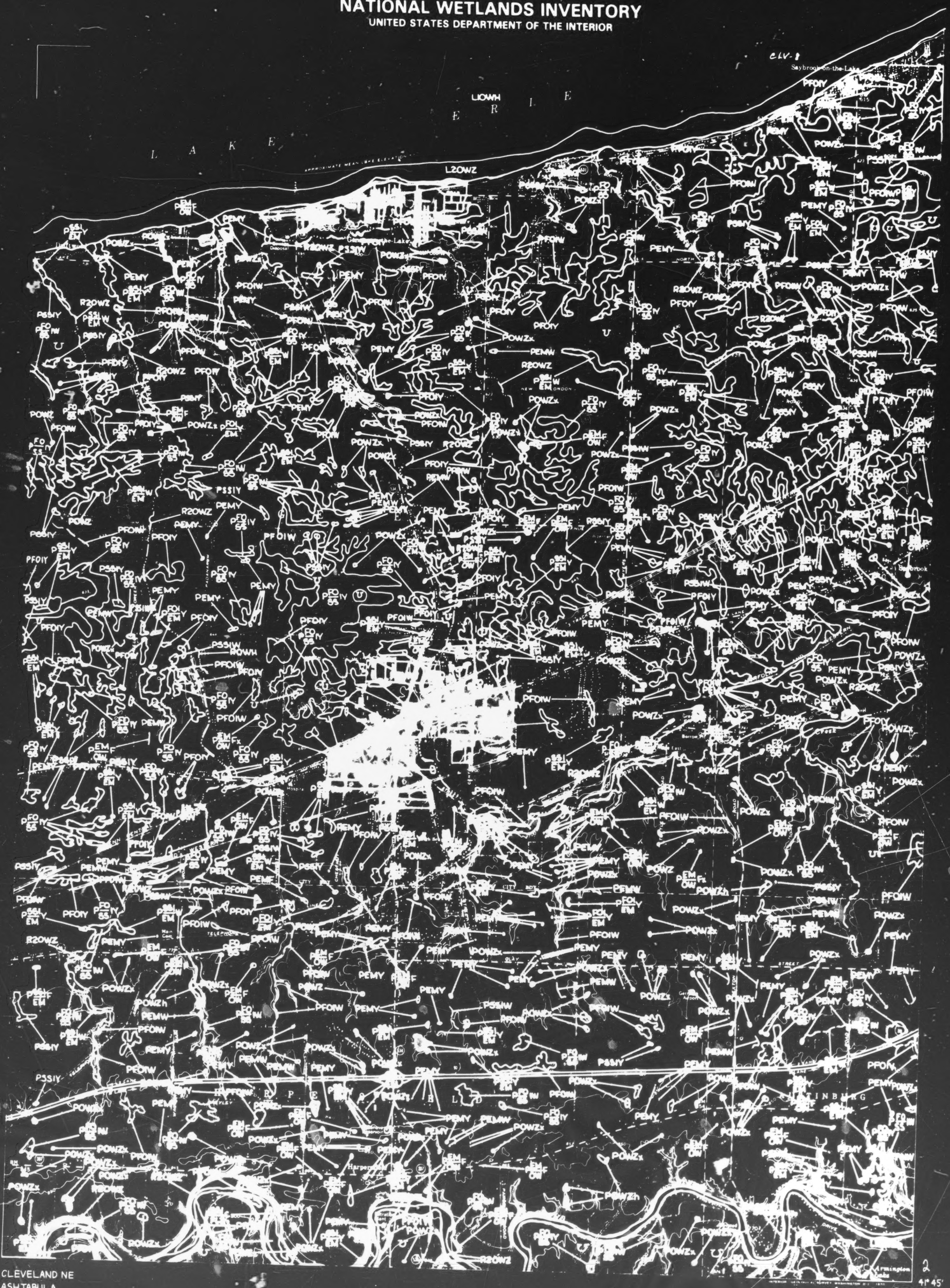
CLEVELAND NE (CHITABUL)

NW	NC	NE
SW	SC	SE

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

41°45'
80°52'30"

A/P 4/77
GENEVA, OHIO

WETLAND LEGEND

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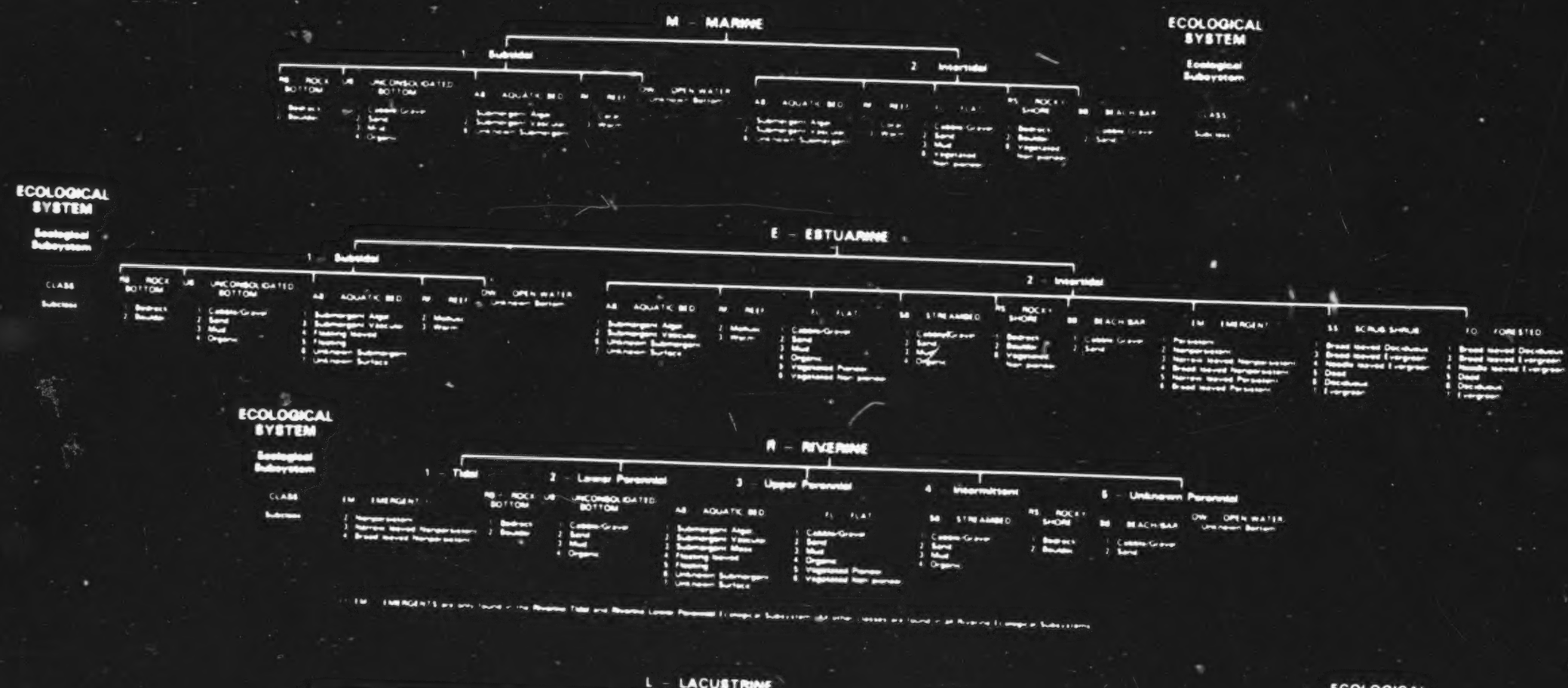
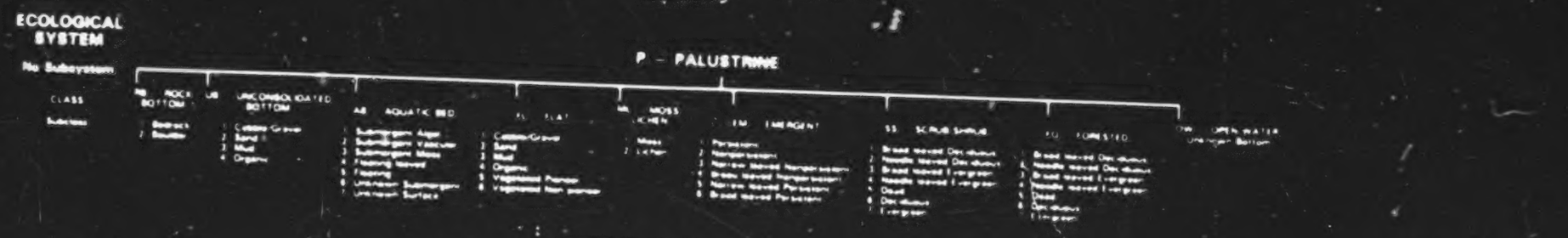


TM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem but other classes are found in all Riverine Ecological Subsystems



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WATER REGIME(1)						WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal				Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water				
A Temporary	F Permanent	V Intermittently Flooded	A Artificial	B Subtidal	S Seasonal Tidal	1 Hypersaline	6 Hyperhaline	9 Acid		1 Organic	B Beaver	6 Diked/Impounded
B Saturated	G Intermittent	A Artificial	B Subtidal	C Irregularly Exposed	C Temporary Tidal	2 Eusaline	7 Eusaline	0 Circumneutral		Muck	Partially Drained/Ditched	7 Artificial
C Seasonal	H Permanent Flooded	B Intermittently Flooded/Permanent	C Intermittently Flooded/Temporary	D Irregularly Flooded	R Semipermanent Tidal	3 Polyhaline	8 Mixosaline	1 Alkaline			Farmed	8 Spoil
D Temporary Flooded	J Intermittently Exposed	C Intermittently Flooded/Seasonal	D Intermittently Flooded/Semipermanent/Seasonal	E Intermittently Exposed/Permanent	T Permanent Tidal	4 Mesohaline	9 Fresh					9 Excavated
E Seasonal Saturated	K Artificial				U Unknown	5 Oligohaline						

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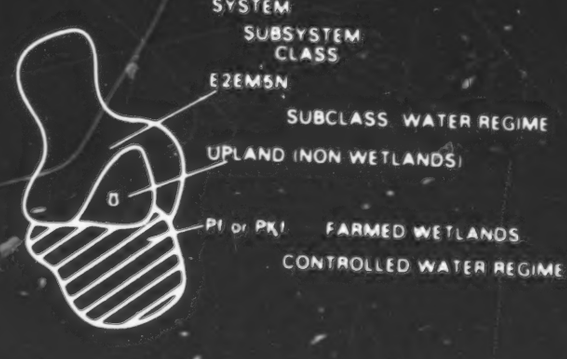

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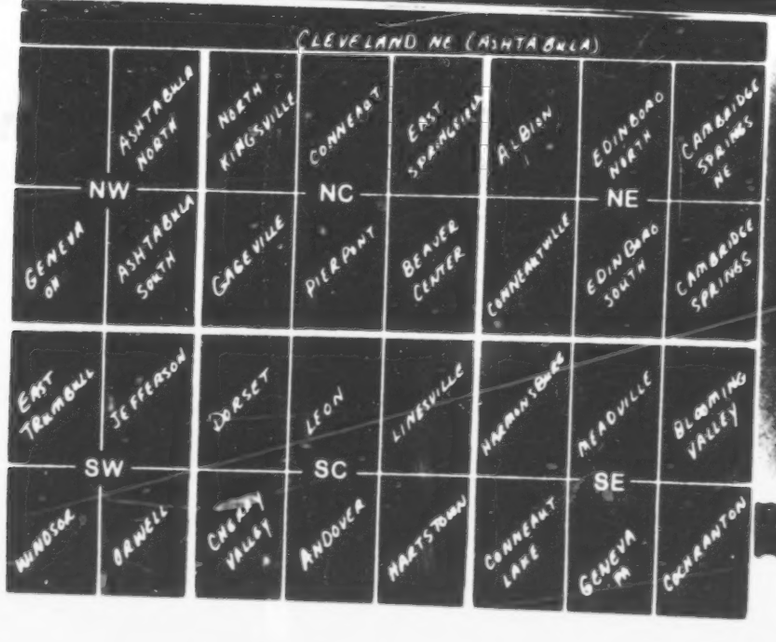
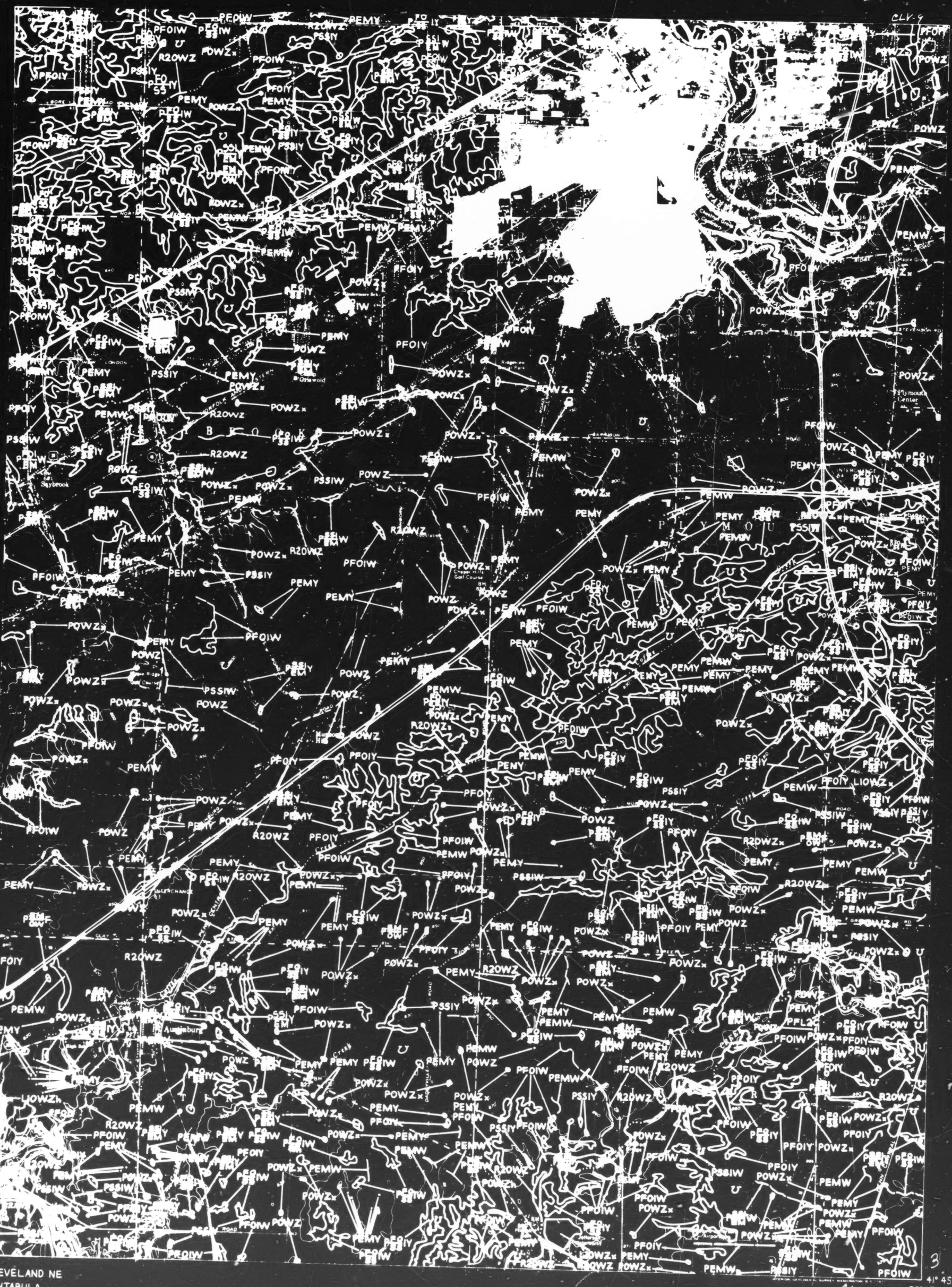


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

A/P 4/77

41° 45'

80°45'

ASHTABULA SOUTH, OHIO

WETLAND LEGEND

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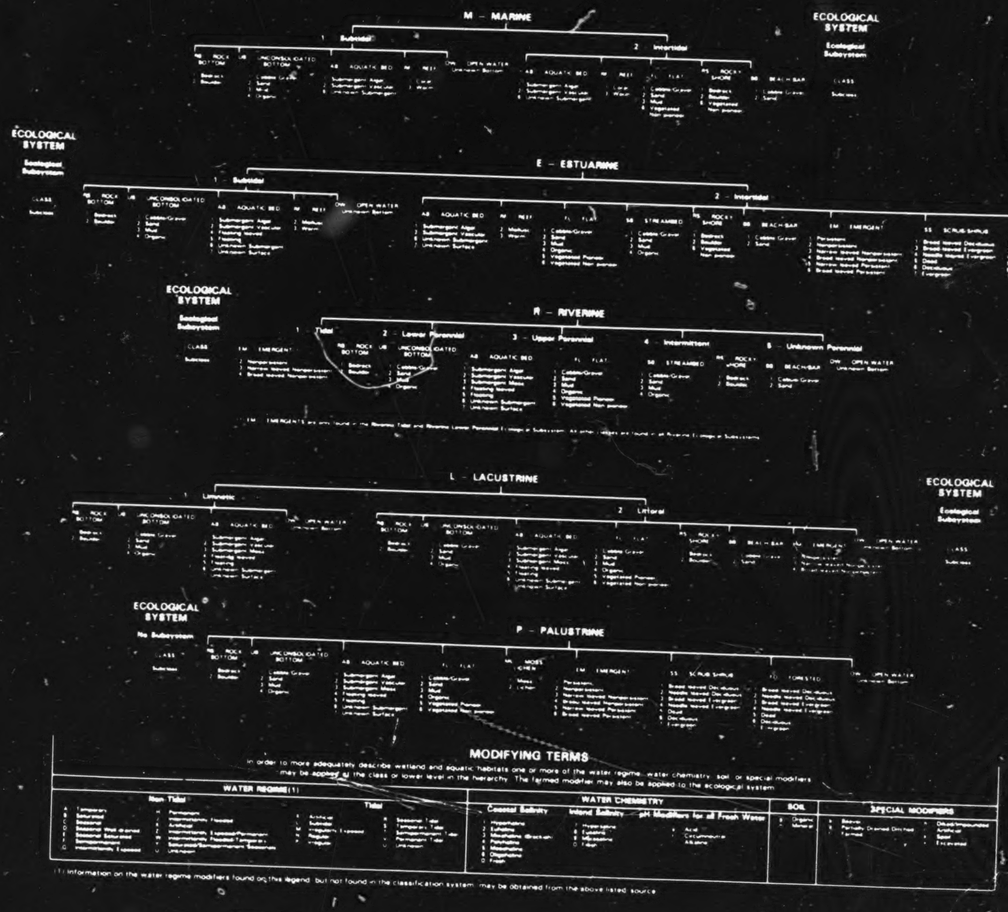

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Non Tidal	Tidal	Coastal Salinity	Inland Salinity — pH Modifiers for all Fresh Water		
A Temporary	1 Permanent	1 Hyperhaline	1 Hyperhaline	1 Organic	1 Beaver
B Saturated	2 Permanently Flooded	2 Eusaline	2 Eusaline	2 Mineral	2 Partially Drained/Ditched
C Seasonal	3 Artificial	3 Mixosaline	3 Mixosaline		3 Farmed
D Seasonal/Well drained	4 Intermittently Exposed/Permanent	4 Polysaline	4 Polysaline		
E Seasonal/Saturated	5 Intermittently Flooded/Temporary	5 Oligosaline	5 Oligosaline		
F Intermittent/Temporary	6 Intermittently Flooded/Permanent	6 Fresh	6 Fresh		
G Intermittent/Artificial	7 Permanent/Artificial				
	U Unknown				

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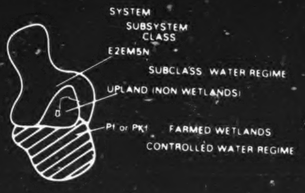

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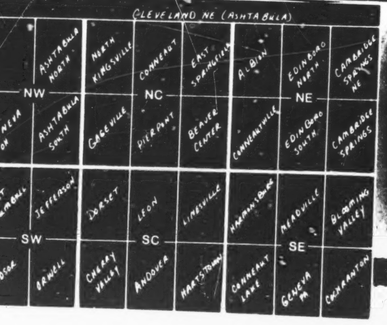
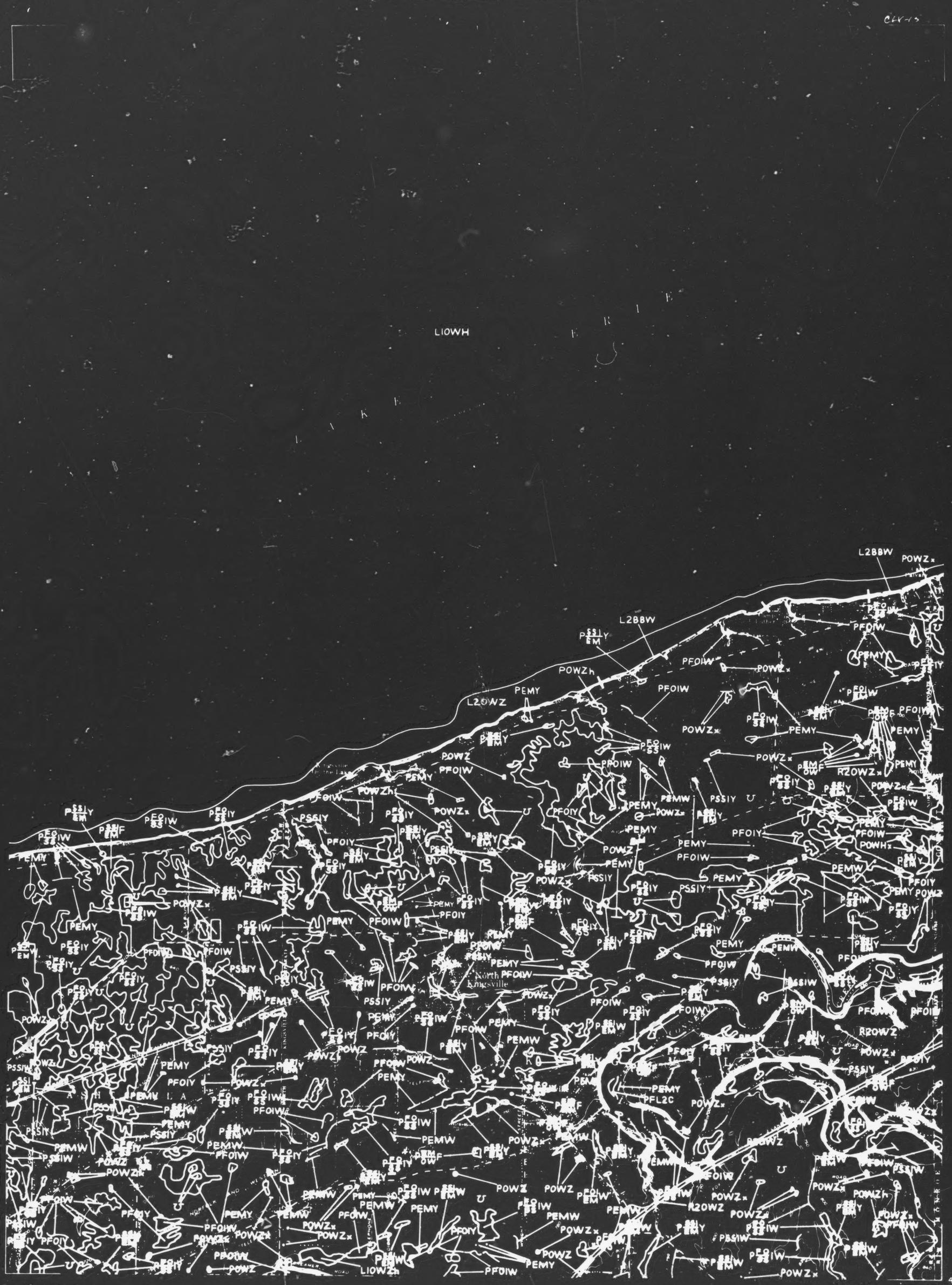


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

A/P 9/77

41° 52 30
80°37 30

NORTH KINGSVILLE OHIO

WETLAND LEGEND

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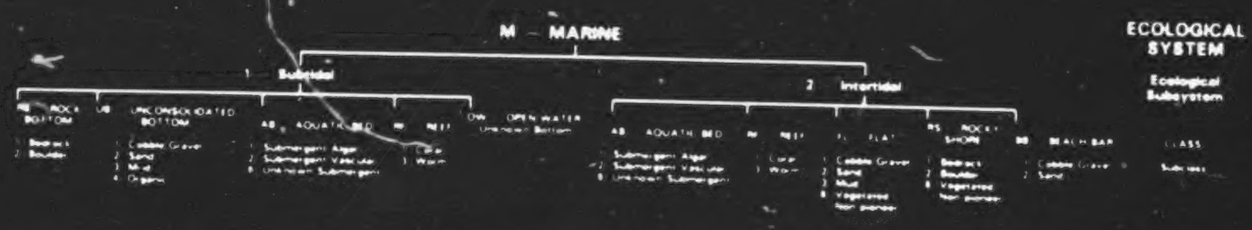

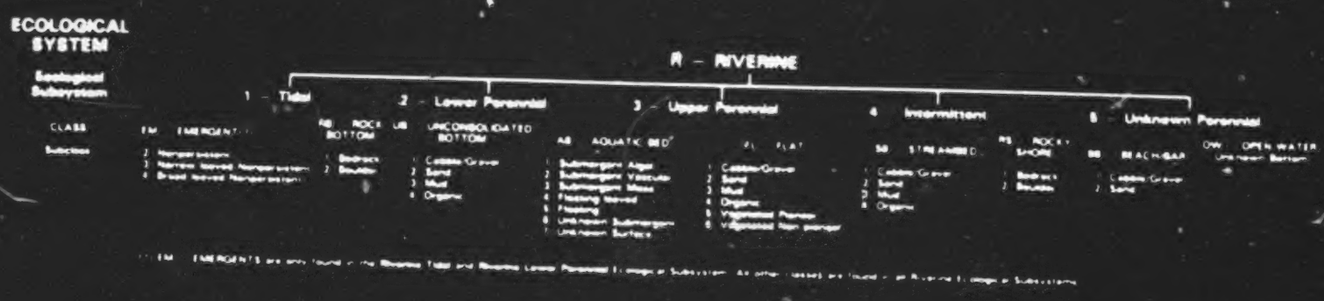

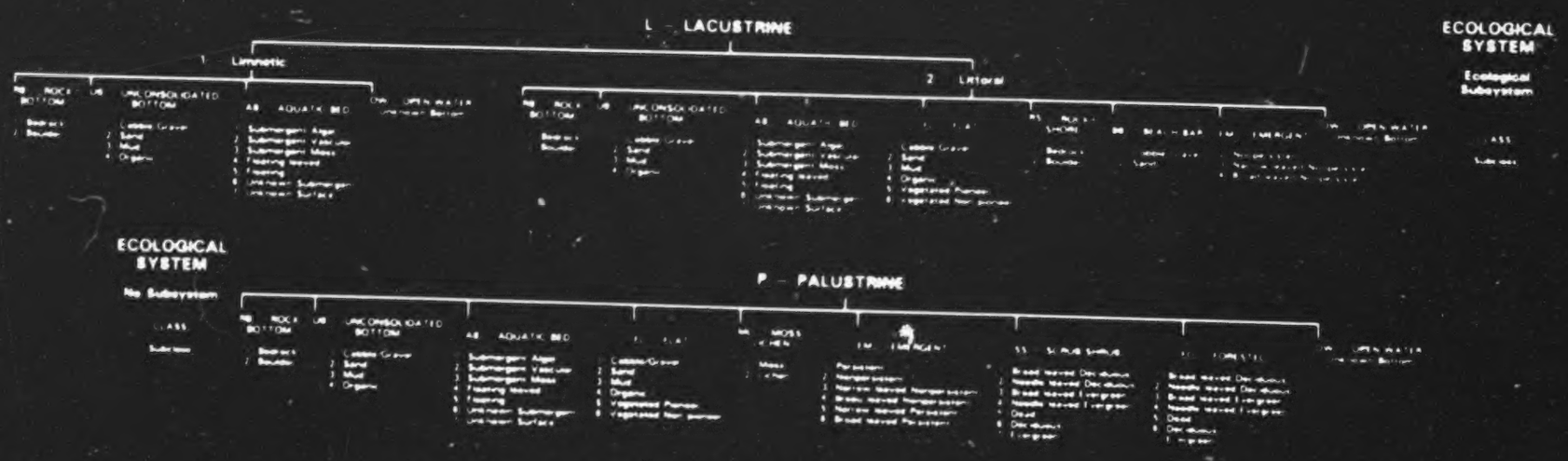

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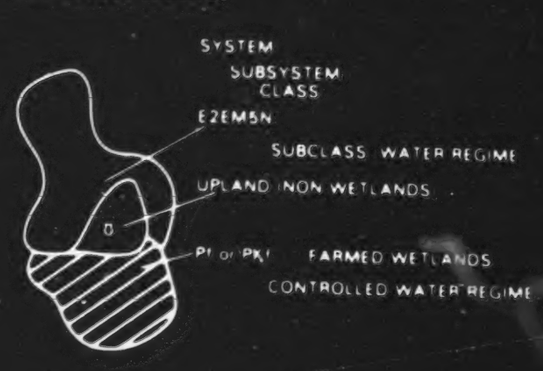

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CLEVELAND NE (ASHTABULA)

	ASHTABULA NORTH	NORTH KINGSVILLE	CONNEAUT	EAST SPRINGFIELD	ALBION	EDINBURG NORTH	CAMBRIDGE SPRINGS NE
NW			NC			NE	
GENEVA ON	ASHTABULA SOUTH	GAGEVILLE	HIRPAM	BEAVER CENTER	CONNEAUTVILLE	EDINBURG SOUTH	CAMBRIDGE SPRINGS
EAST TRUMBULL	JEFFERSON	ORWELL	LEON	LINESVILLE	HARMONSBURG	MEADVILLE	BLOOMING VALLEY
SW			SC			SE	
KINSMAN	ORWELL	CHERRY VALLEY	ANDOVER	HARTSTOWN	CONNEAUT LAKE	GENEVA N	CRANSTON

AP 1406&C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-T 41

CLEVELAND NE
ASHTABULA

SCALE 1:24000

5

41° 52' 30"

80° 30'

A/P 4/77

CONNEAUT, OHIO - PA

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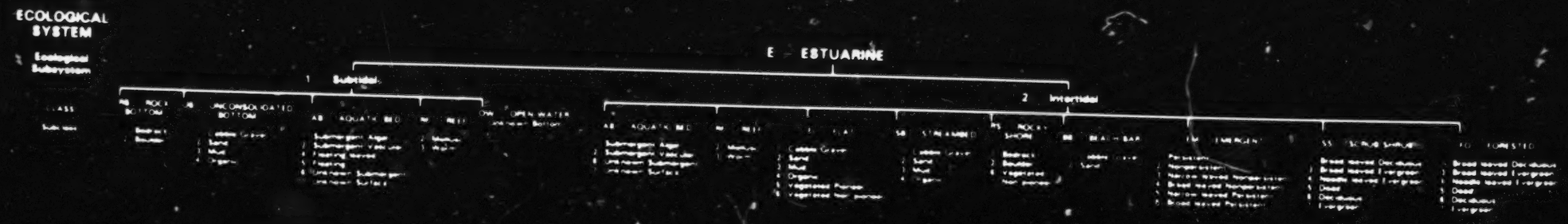

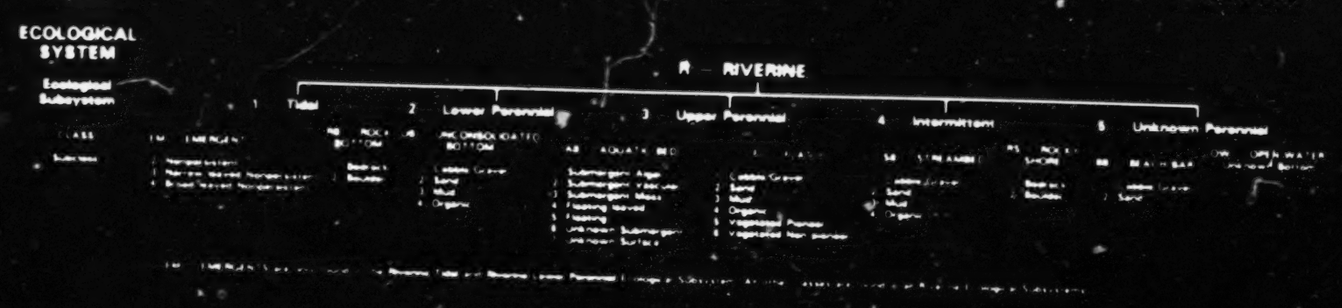

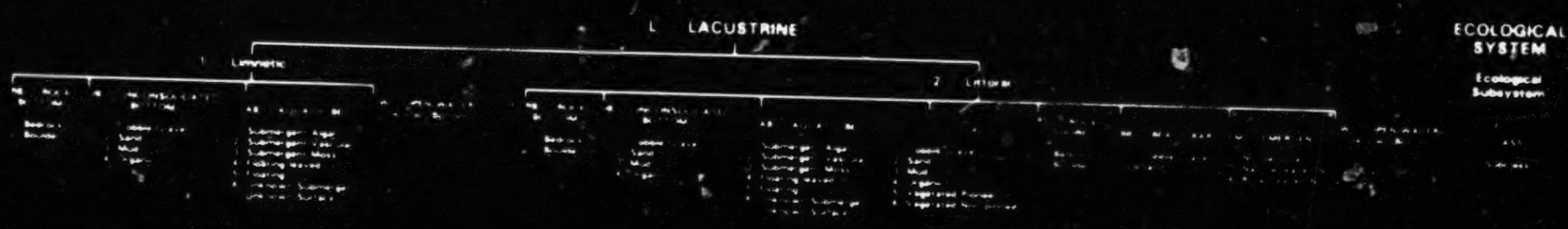

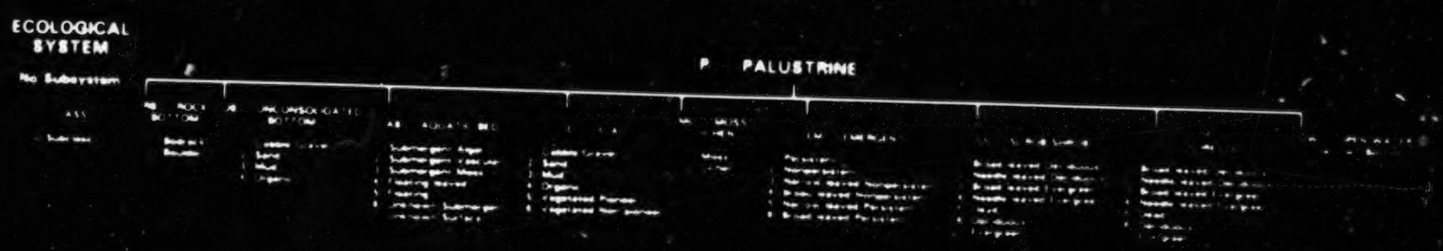

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C Seasonal	L Artificial		L Irregularly Flooded		R Semipermanent		X Mixed Tidal	3 Mixohaline (Brackish)	7 Mixosaline	8 Alkaline				
E Seasonal Well Drained	M Intermittently Exposed/Permanent		M Irregularly Exposed		S Regular		Y Permanent Tidal	4 Polyhaline	8 Wasaline					
F Seasonal Saturated	R Intermittently Flooded/Temporary		N Regularly Flooded		T Irregular		Z Intermittent Tidal	5 Mesohaline	9 Fresh					
G Semipermanent	T Saturated/Semipermanent/Seasonal							6 Oligohaline						
H Intermittently Exposed	Z Artificial							0 Fresh						

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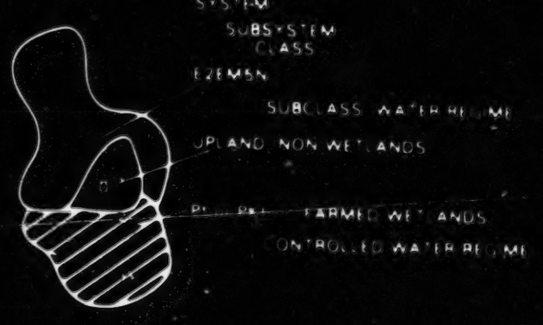

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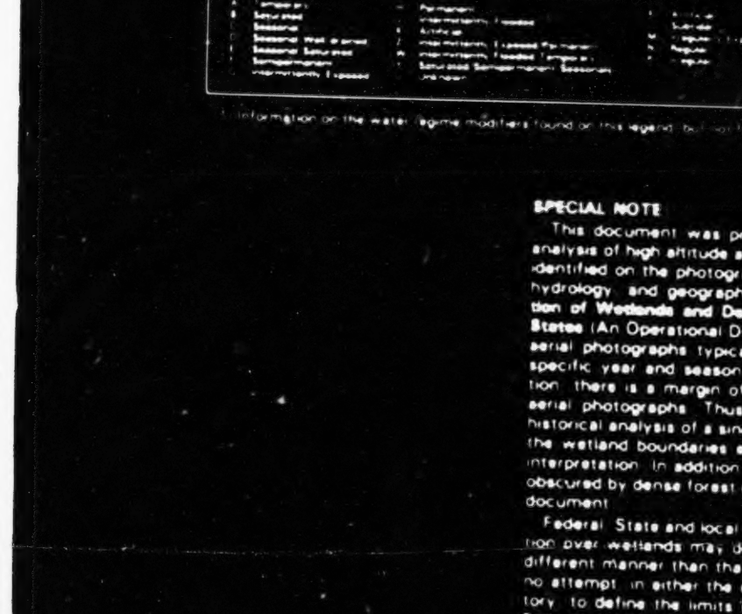
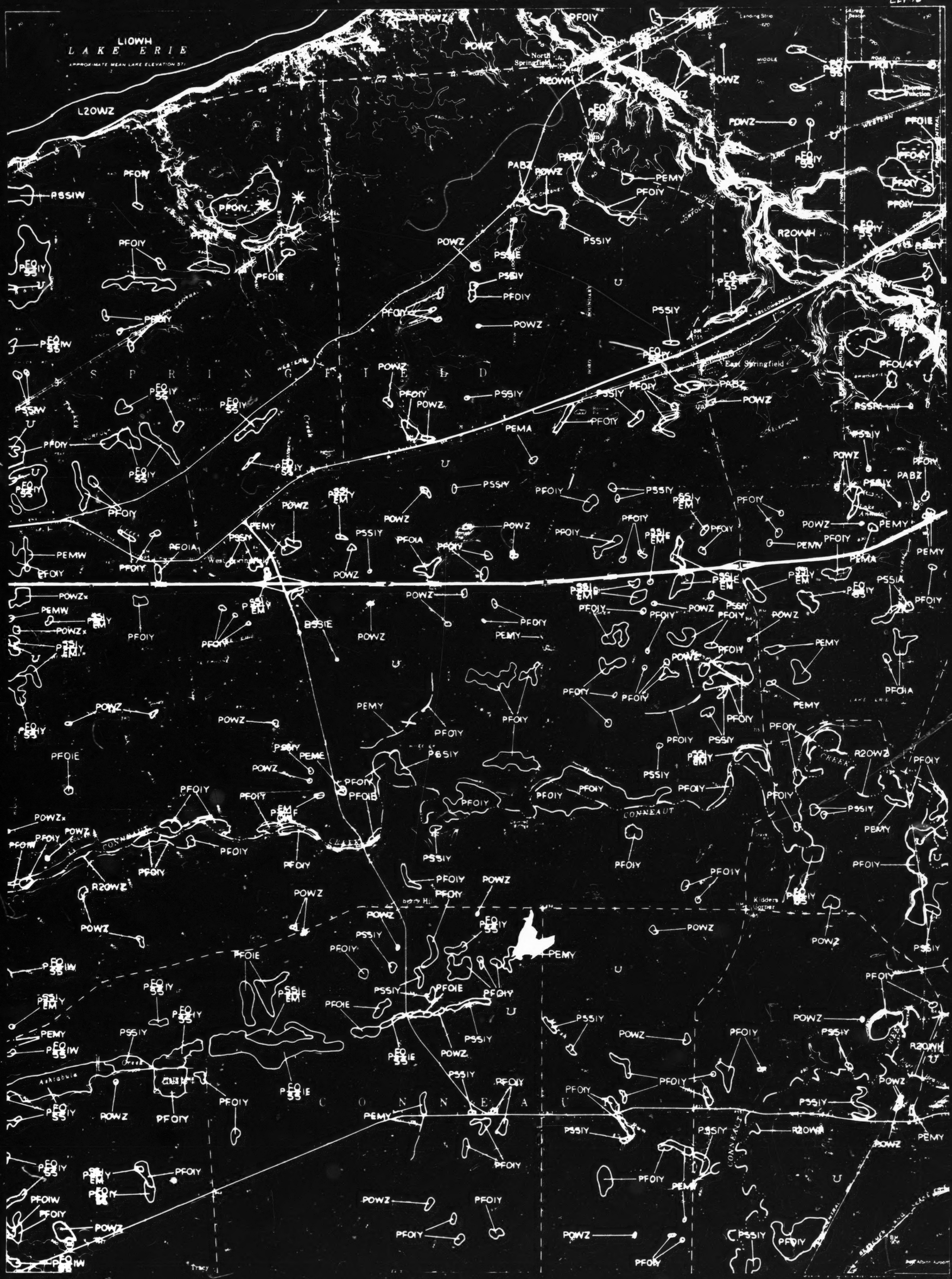


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-76


L10WH
LAKE ERIE
APPROXIMATE MEAN LAKE ELEVATION 571
L20WZ
North Springfield
R20WH
East Springfield
SPRINGFIELD
CONNEAUT
CREEK
R20WZ
PFO1Y
PSS1Y
POWZ
PEMY
PABZ
PEMA
PEMW
PSS1W
PFO1E
PSS1E
PFO1A
PEME
PSSIA
PFO4Y
PFO1/4Y
PSSIY
PFOIY
PFOIE
PFOIA
PFOIW
PSSIW
PEMIY
PEMIW
POWZx
PFOIY
PSSIY
PEMY
POWZ
PABZ
R20WH
R20WZ
PFO1Y
PSS1Y
PEMY
PEMA
PFO1E
PSS1E
PFO1A
PEME
PFO1B
PSS1B
PFO4Y
PFO1/4Y
PSSIA

WETLAND LEGEND

() Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non-photo-identifiable areas and or unintentional omissions

M MARINE

ECOLOGICAL SYSTEM

Ecological Subsystem

E ESTUARINE

ECOLOGICAL SYSTEM

Ecological Subsystem

R RIVERINE

ECOLOGICAL SYSTEM

Ecological Subsystem

L LACUSTRINE

ECOLOGICAL SYSTEM

Ecological Subsystem

P PALUSTRINE

ECOLOGICAL SYSTEM

No Subsystem

MODIFYING TERMS

WATER REGIME (1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		

SPECIAL NOTE

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SYMBOLOGY EXAMPLE

NOTES TO THE USER

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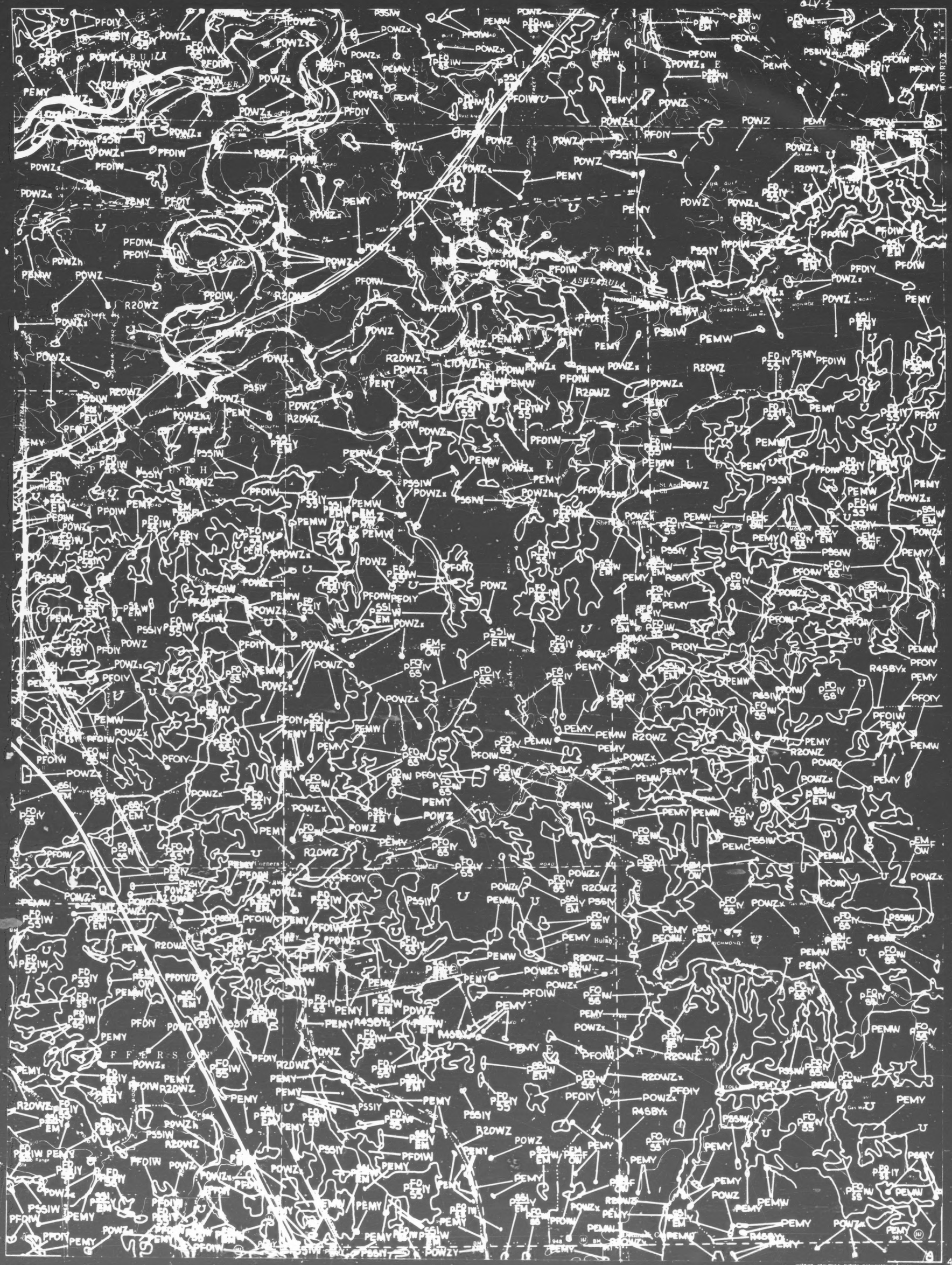
NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

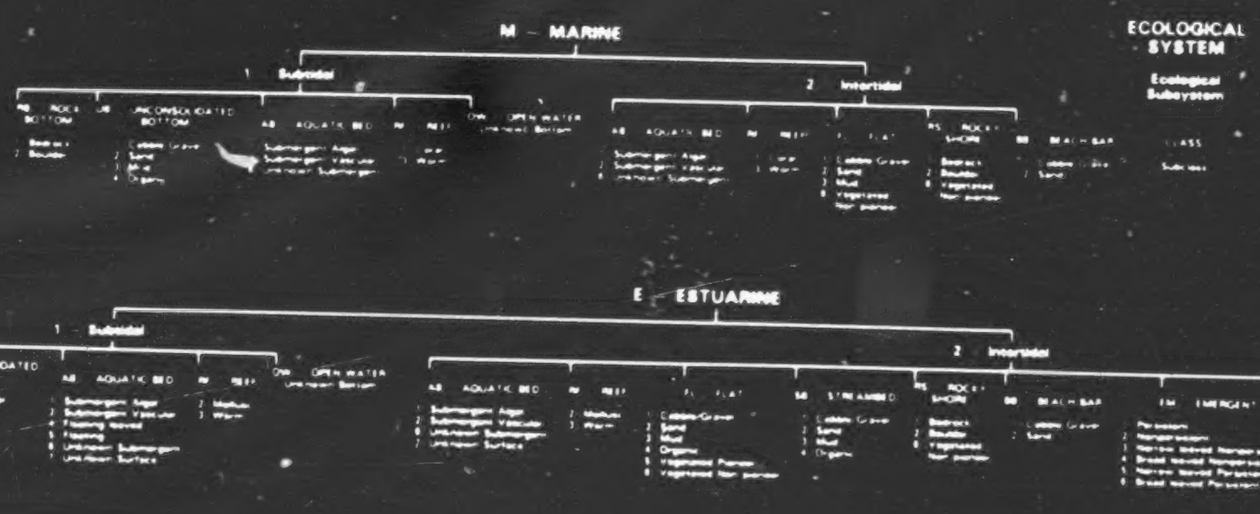
41° 45'
80° 37' 30"

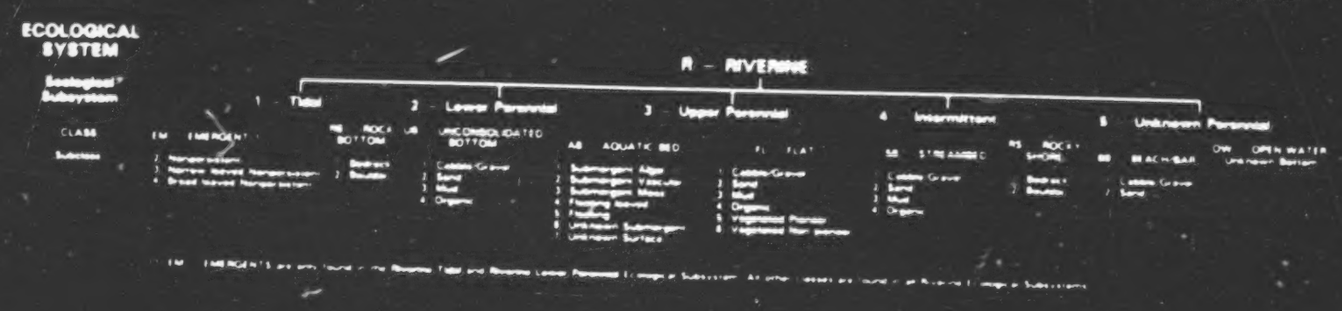
A/P 4/77

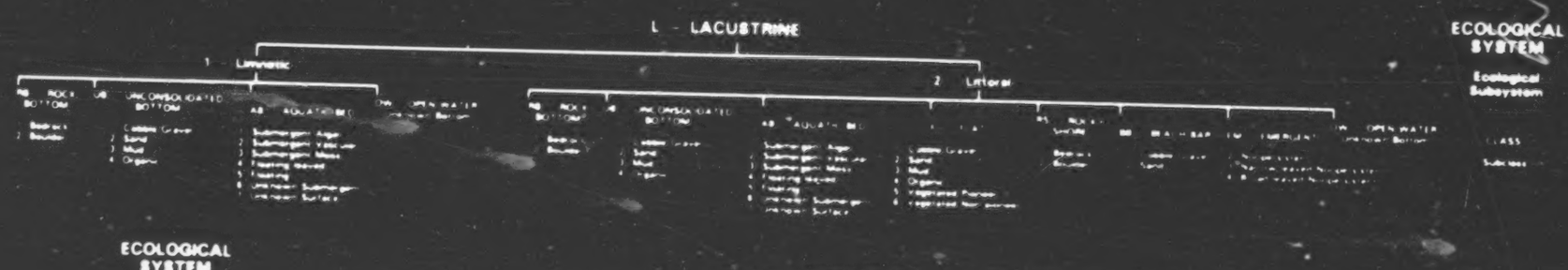
GAGEVILLE, OHIO

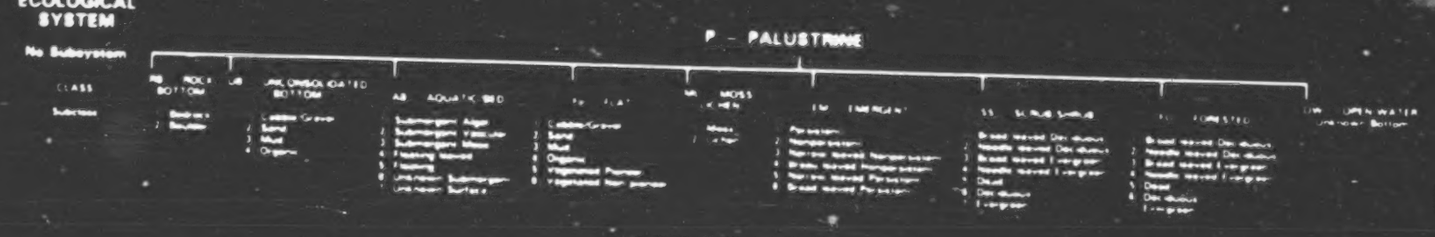
WETLAND LEGEND

U – Primarily represents **upland** areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions









MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non-Tidal: A Temporary; B Saturated; C Seasonal; D Seasonal Well Drained; E Seasonal Saturated; F Semipermanent; G Intermittently Exposed

Non-Tidal: H Permanent; J Intermittently Flooded; K Artificial; Z Intermittently Exposed/Permanent; W Intermittently Flooded/Temporary; Y Saturated/Semipermanent/Seasonal; U Unknown

Tidal: E Artificial; L Subtidal; M Irregularly Exposed; N Regular; P Irregular

Tidal: A Seasonal Tidal; S Temporary Tidal; R Semipermanent Tidal; V Permanent Tidal; U Unknown

WATER CHEMISTRY

Coastal Salinity: 1 Hypersaline; 2 Eusaline; 3 Mixosaline (Brackish); 4 Polysaline; 5 Mesosaline; 6 Oligosaline; 0 Fresh

Inland Salinity: 1 Hypersaline; 2 Eusaline; 3 Mixosaline; 0 Fresh

pH Modifiers for all Fresh Water: a Acid; b Circumneutral; c Alkaline

SOIL

S Organic; T Mineral

SPECIAL MODIFIERS

b Beaver; d Partially Drained Ditched; f Farmed; h Diked/Impounded; r Artificial; s Spoil; x Excavated

(1) Information on the water regime modifiers found on this legend but not found in the classification system may be obtained from the above listed source.

SPECIAL NOTE

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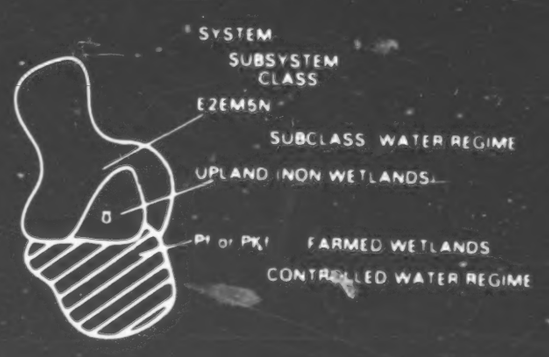
SYMBOLOGY EXAMPLE



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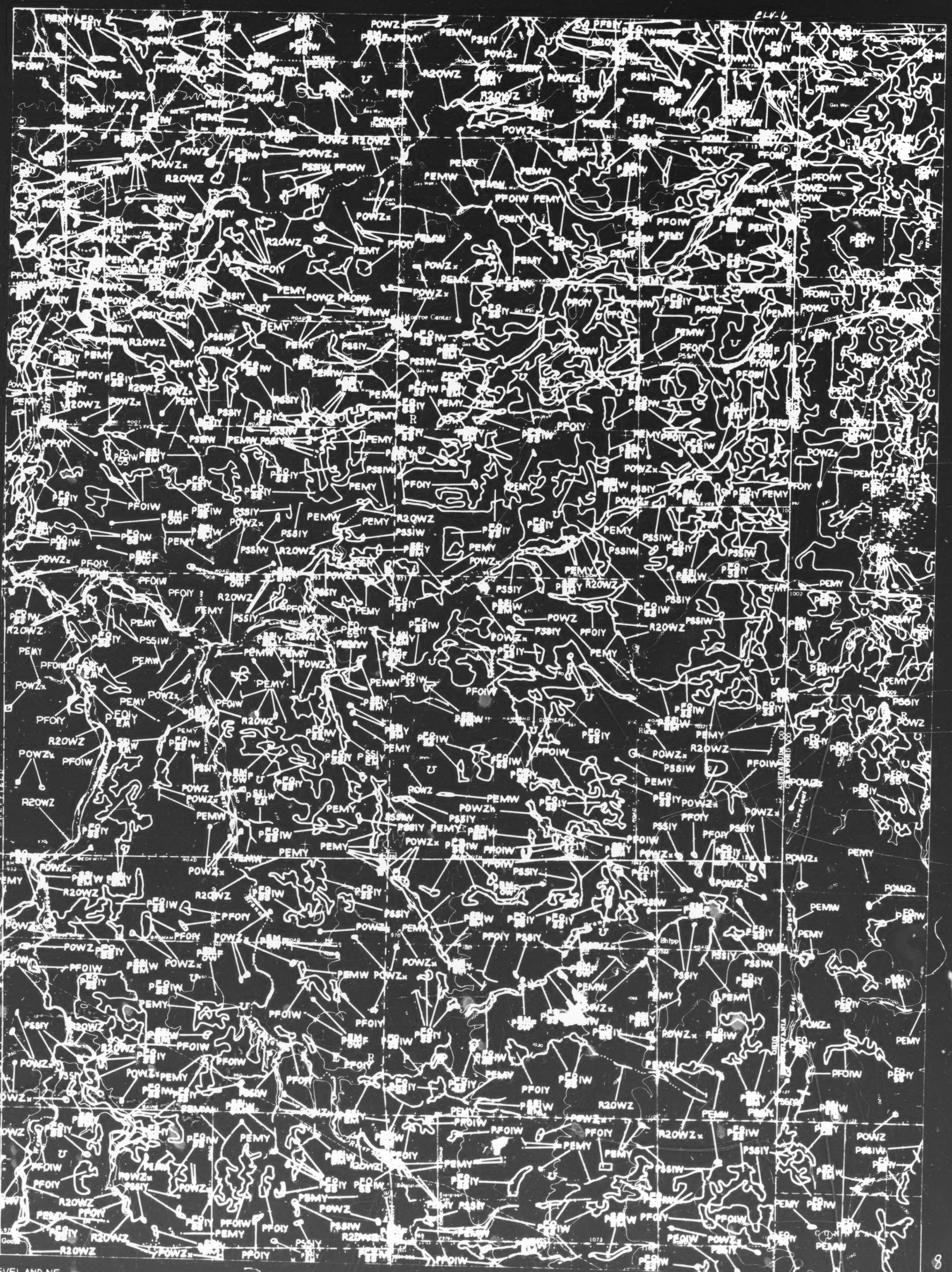
CLEVELAND NE (ASHTABULA)

	ASHTABULA NORTH	NORTH KINGSVILLE	CONNEAUT	EAST SPRINGFIELD	ALBION	EDINBORO NORTH	CAMBRIDGE SPRINGS NE
NW			NC			NE	
GENEVA ON	ASHTABULA SOUTH	GAGEVILLE	PIERPONT	BEAVER CENTER	CONNEAUTVILLE	EDINBORO SOUTH	CAMBRIDGE SPRINGS
EAST TRUMBULL	JEFFERSON	DORSET	LEON	LINESVILLE	HARMONSBURG	MEADVILLE	BLOOMING VALLEY
SW			SC			SE	
WINDSOR	ORWELL	CHERRY VALLEY	ANDOVER	HARTSTOWN	CONNEAUT LAKE	GENEVA PA	CRANTON

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

A/P 4/77

PIERPONT, OHIO-PA

8

41° 45'

80° 30'

WETLAND LEGEND

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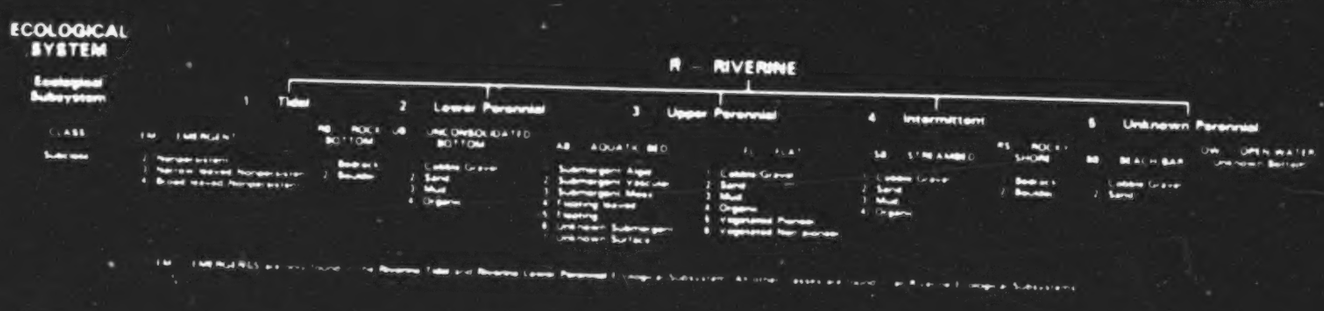

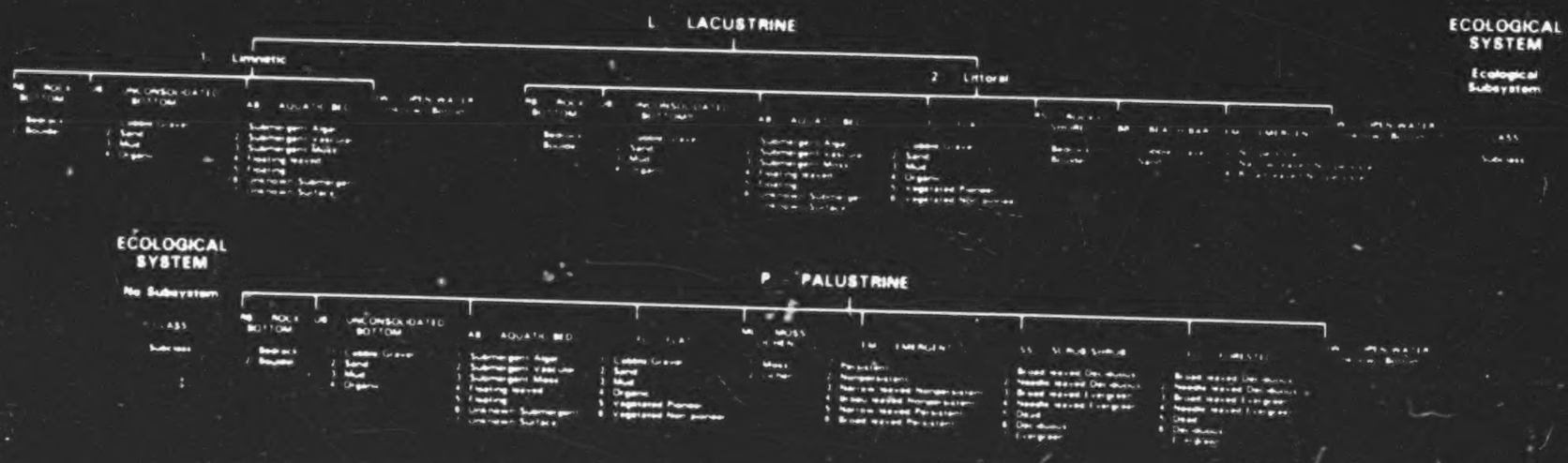

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A Temporary	H Permanent	K Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	L Intentionally Flooded	S Temporary Tidal
C Seasonal	K Artificial	M Intentionally Exposed	T Semipermanent Tidal
D Seasonal Well Drained	Z Intermittently Exposed Permanent	N Regular	V Permanent Tidal
E Seasonal Saturated	W Intermittently Flooded Temporary	P Irregular	U Unknown
F Semipermanent	Y Saturated Semipermanent Seasonal		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water
1 Hypersaline	7 Hypersaline	A Acid
2 Eusaline	8 Eusaline	B Circumneutral
3 Mixohaline (Brackish)	9 Mixosaline	C Alkaline
4 Polyhaline	0 Fresh	
5 Mesohaline		
6 Oligohaline		
0 Fresh		

SOIL

8 Organic
Mineral

SPECIAL MODIFIERS

b Beaver	f Diked/Impounded
d Partially Drained/Ditched	h Artificial
Farmed	r Spoil
	x Excavated

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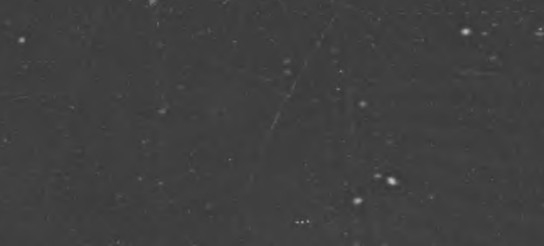

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NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

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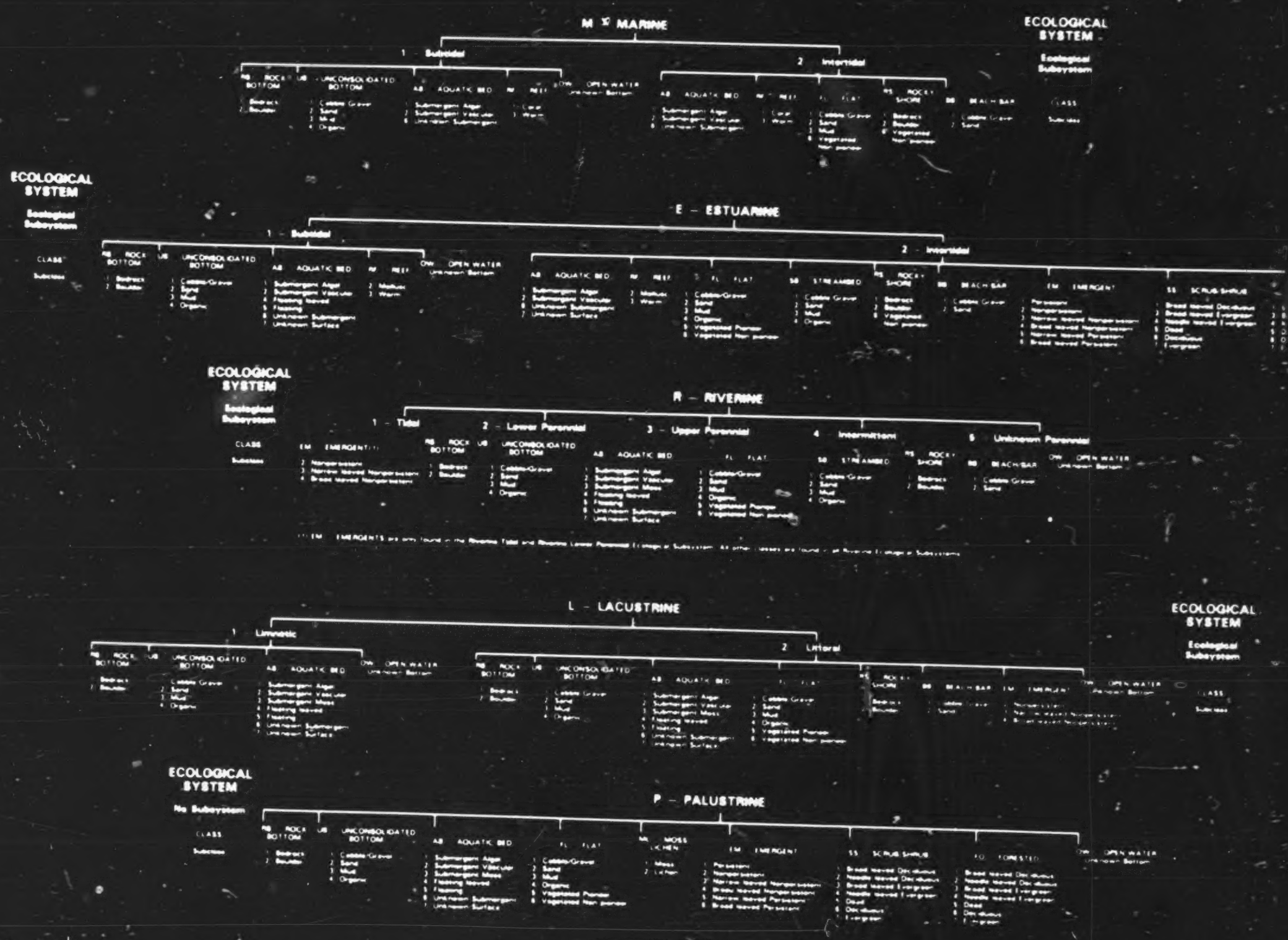

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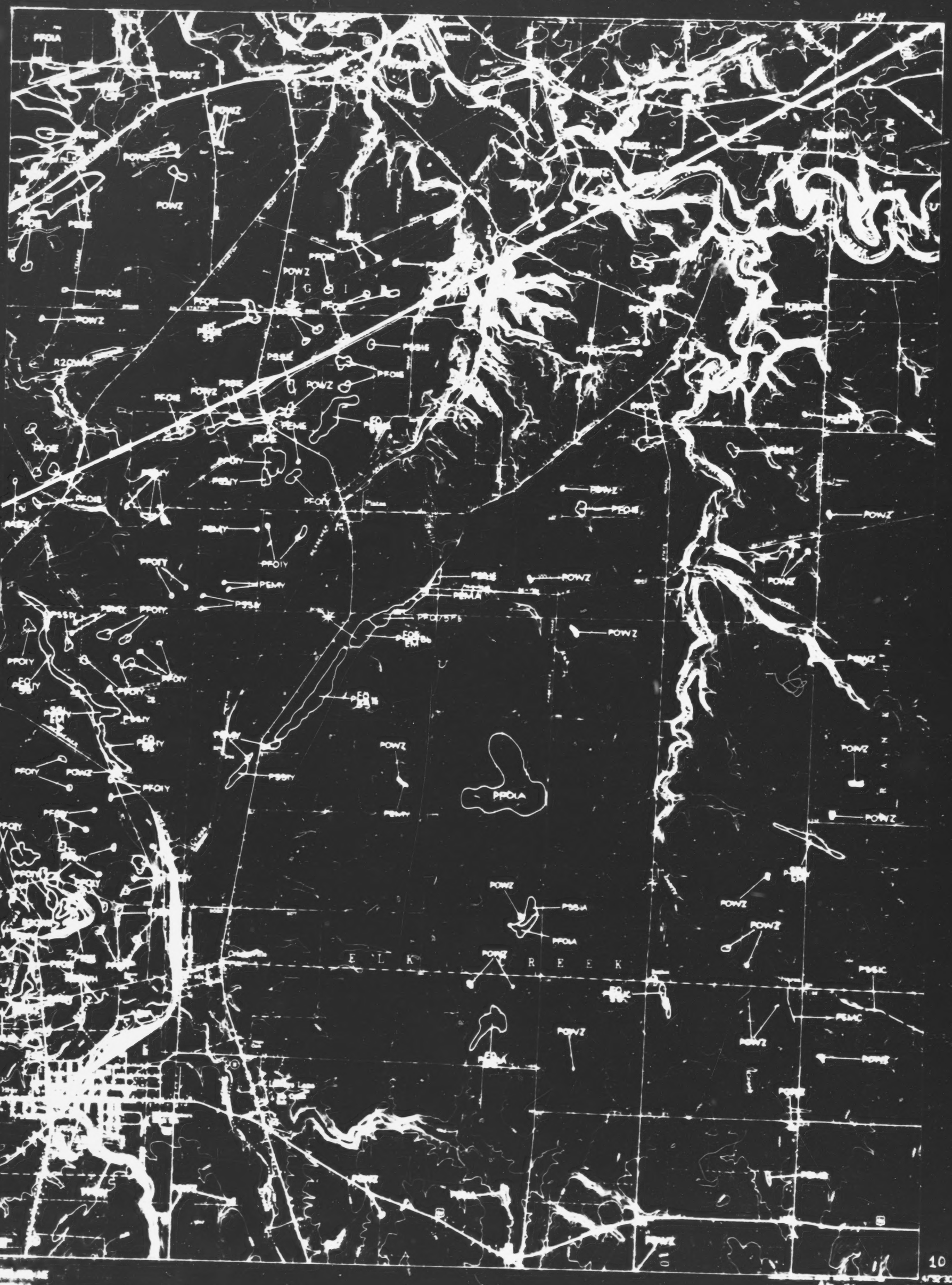
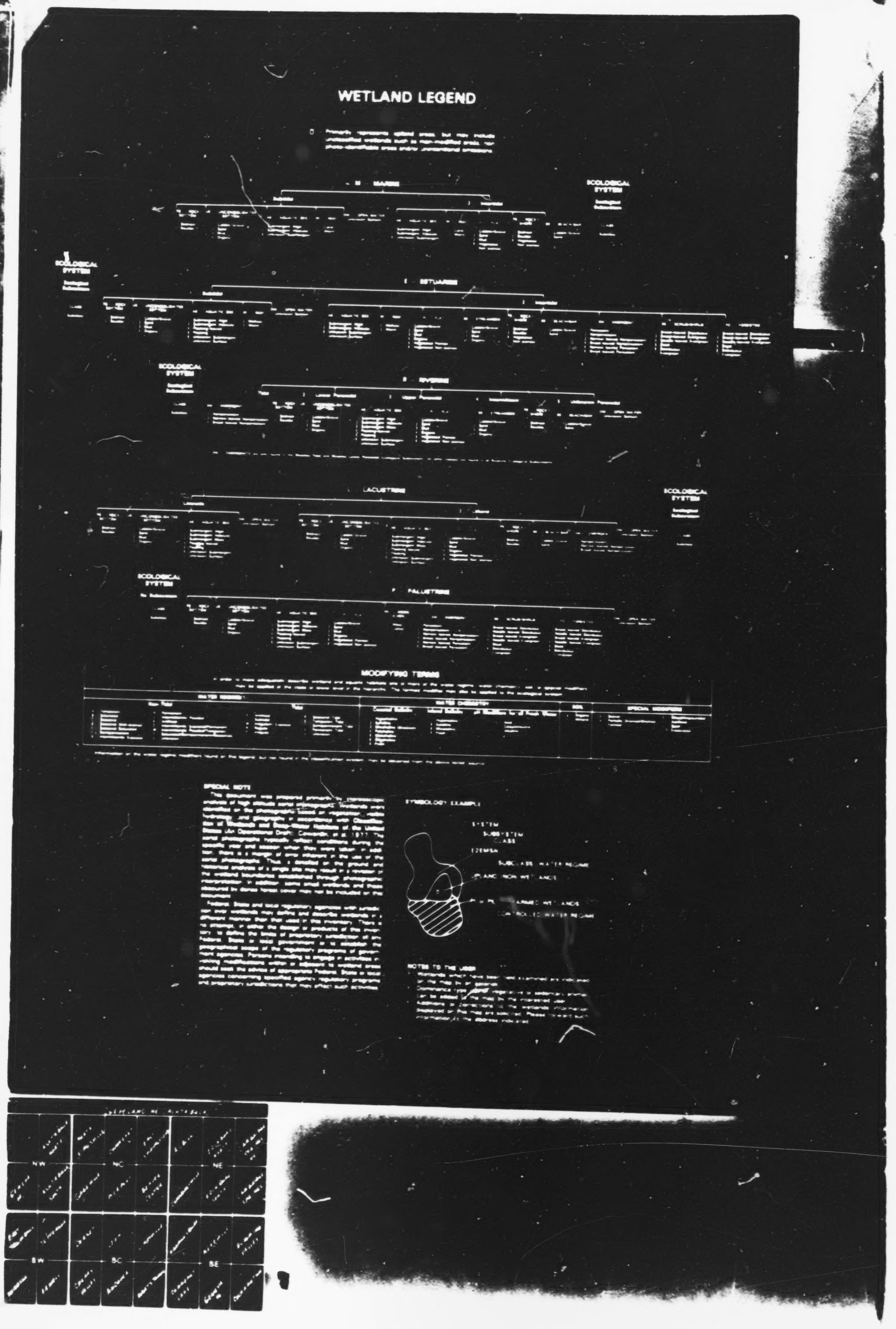
| WATER REGIME(1) | | |

NATIONAL WETLANDS INVENTORY

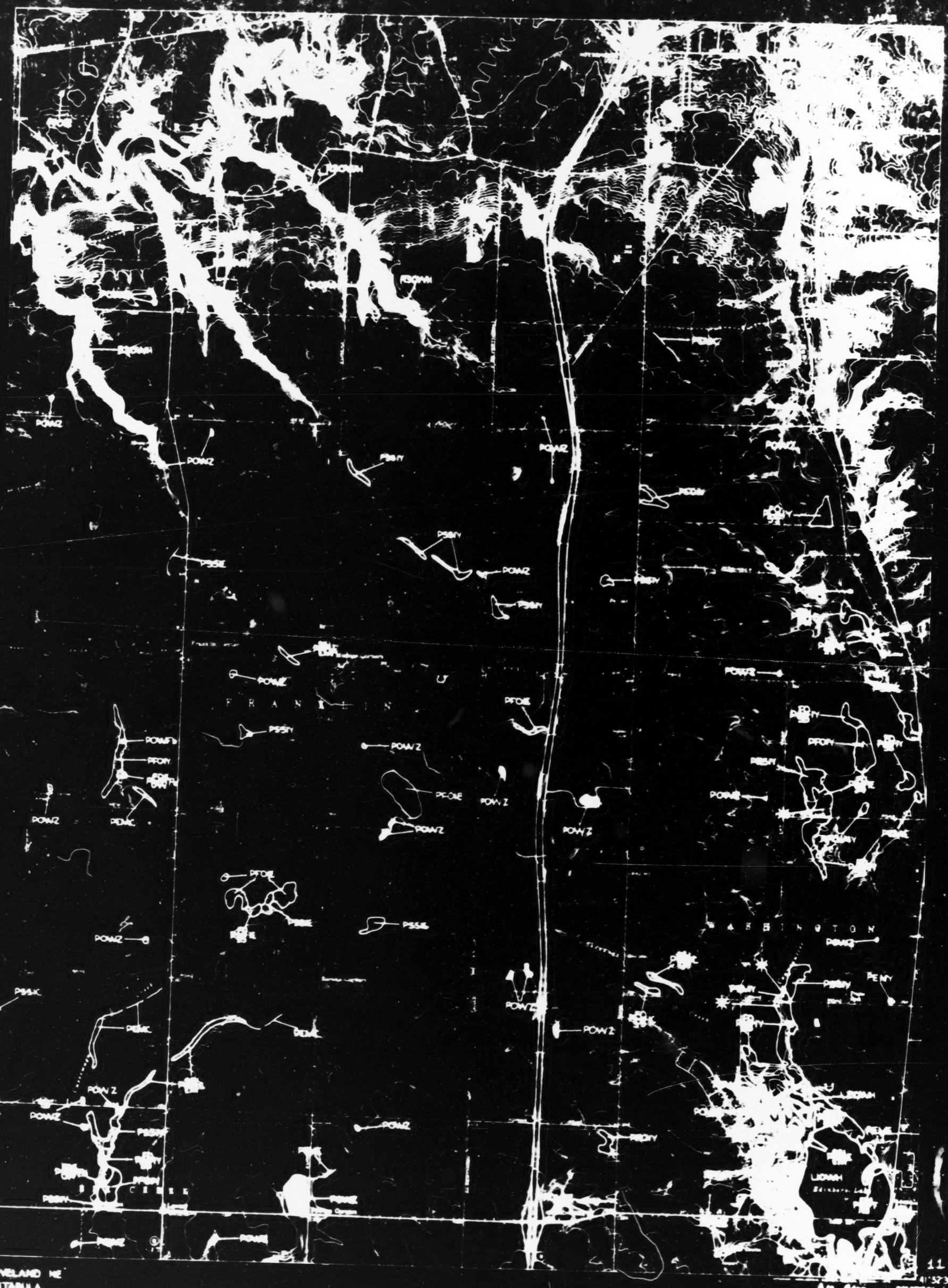
UNITED STATES DEPARTMENT OF THE INTERIOR

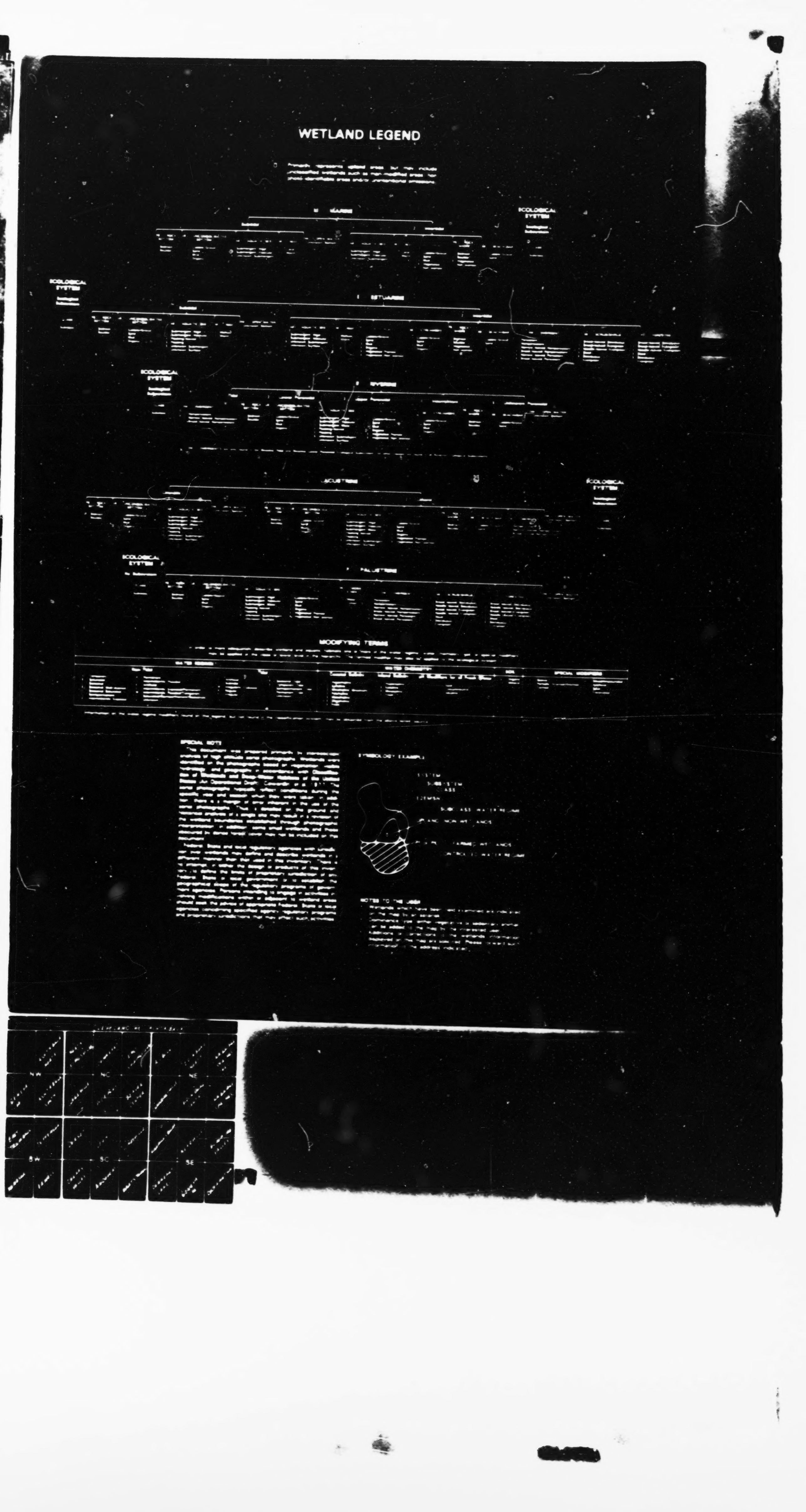



WETLAND LEGEND
MARINE
ESTUARINE
RIVERINE
LACUSTRINE
PALUSTRINE
MODIFYING TERMS
SPECIAL NOTE
SYMBOLOGY EXAMPLE
NOTES TO THE USER

NW
NC
NE
SW
SC
SE

NATIONAL WETLANDS INVENTORY



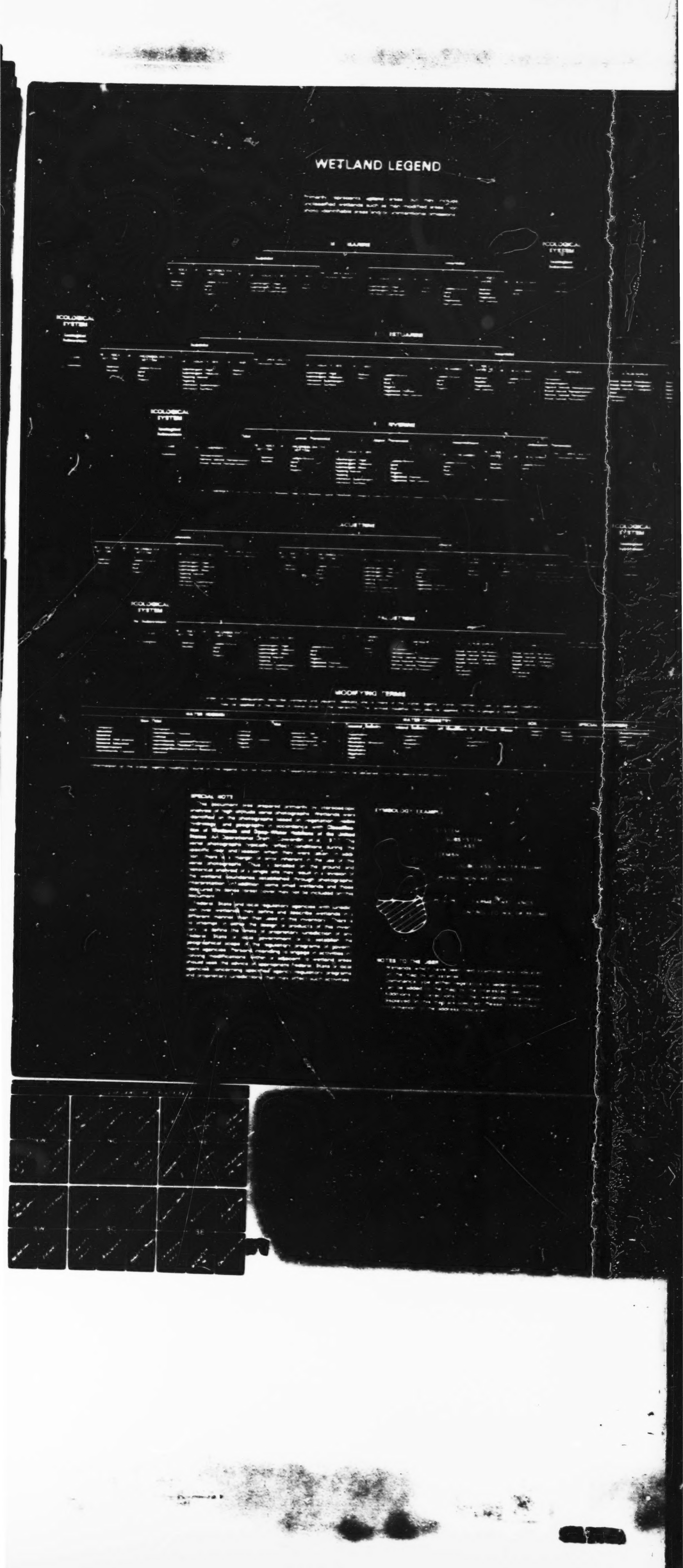

WETLAND LEGEND
MODIFYING TERMS

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLEVELAND NE
ASHTABULA

SCALE 1:100,000


WETLAND LEGEND

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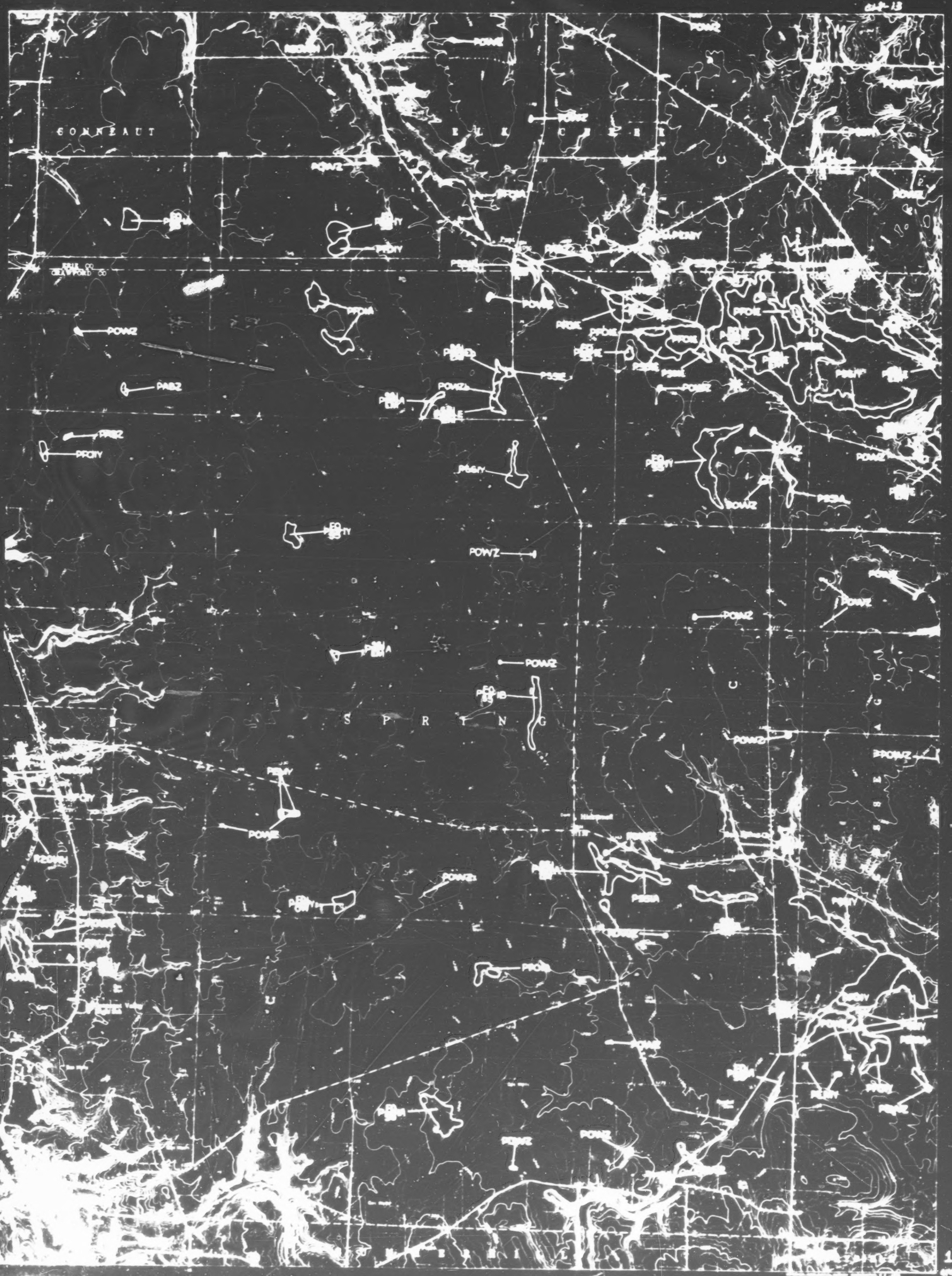
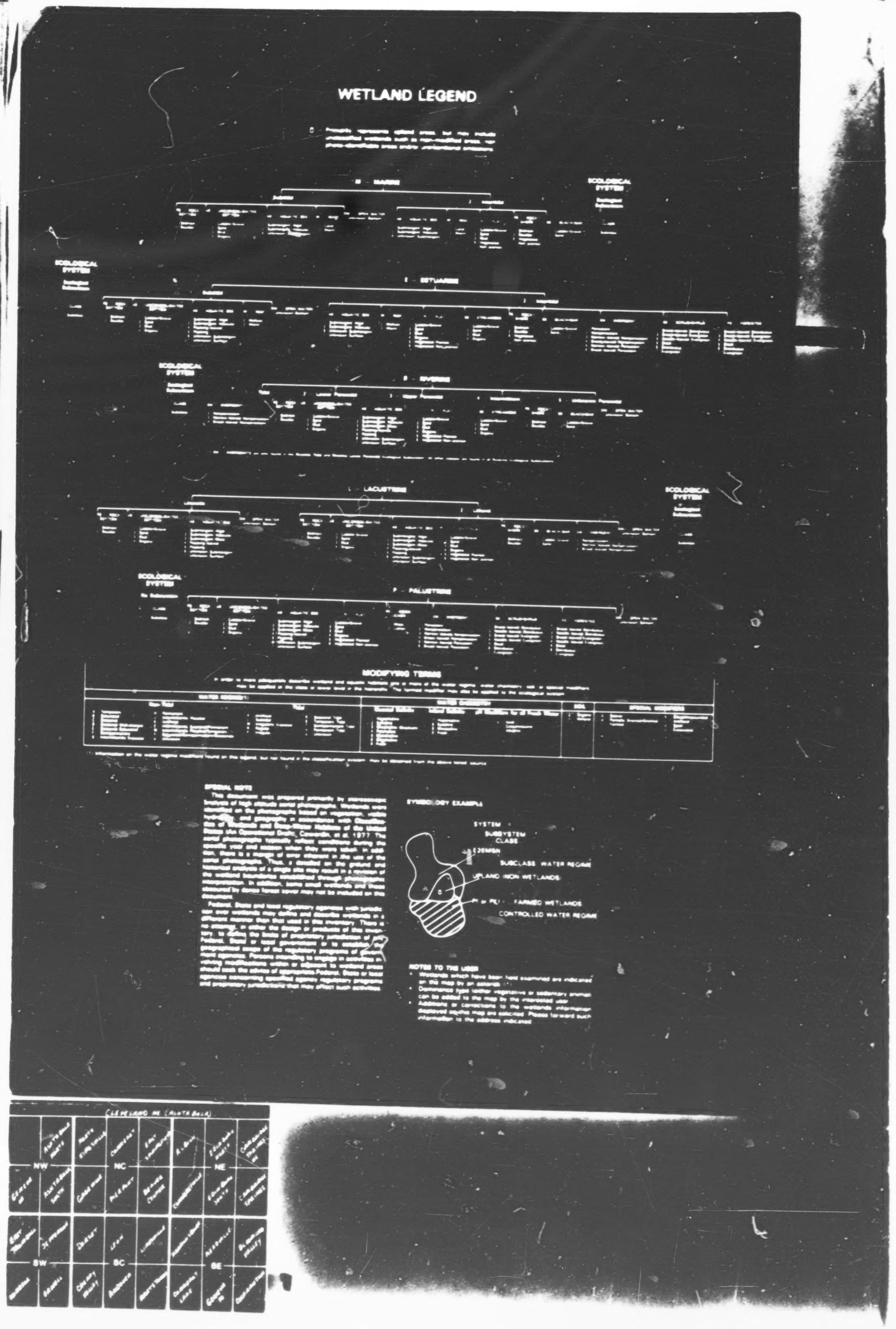
UNITED STATES DEPARTMENT OF THE INTERIOR



WETLAND LEGEND

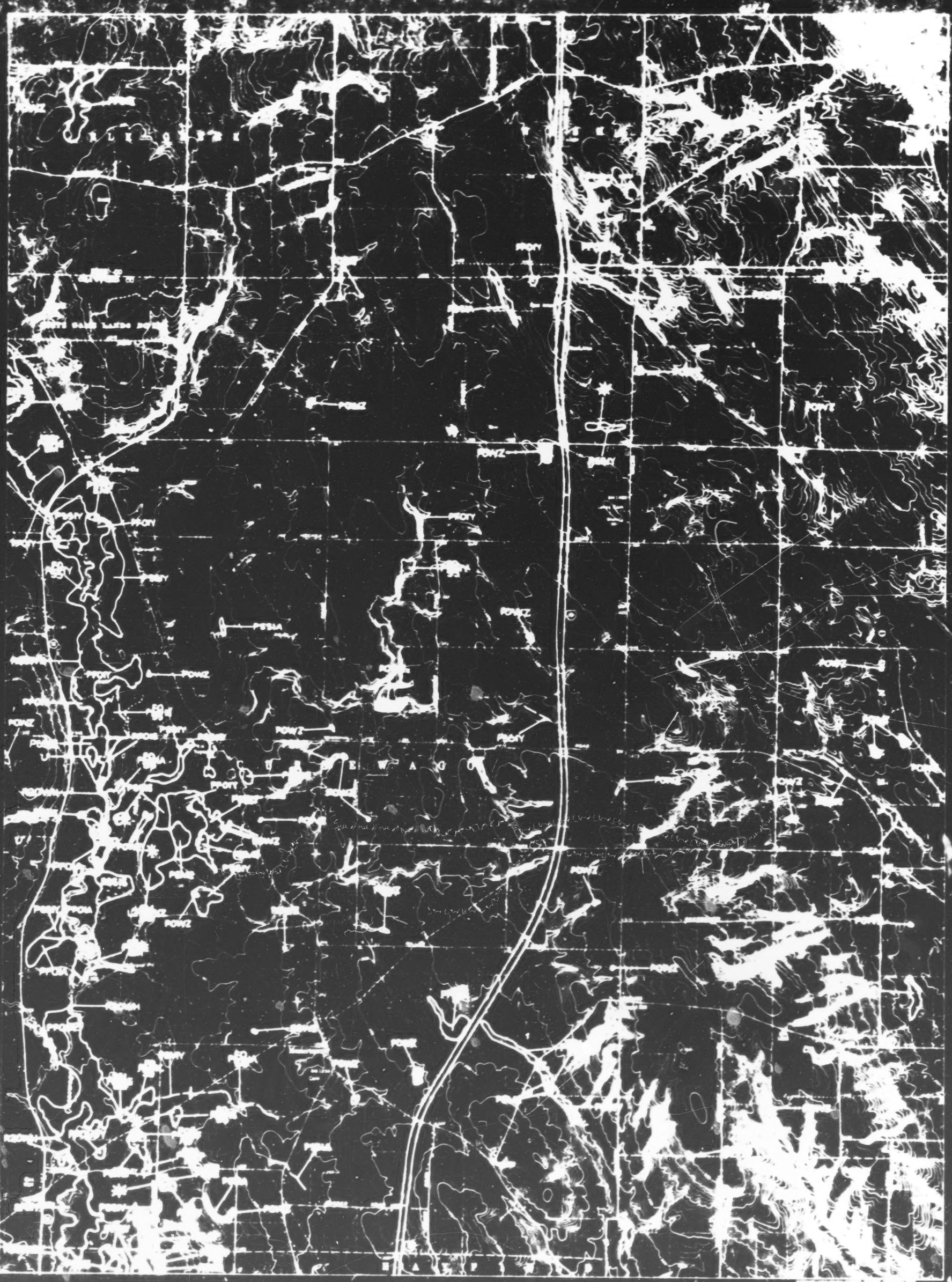


MODIFYING TERMS

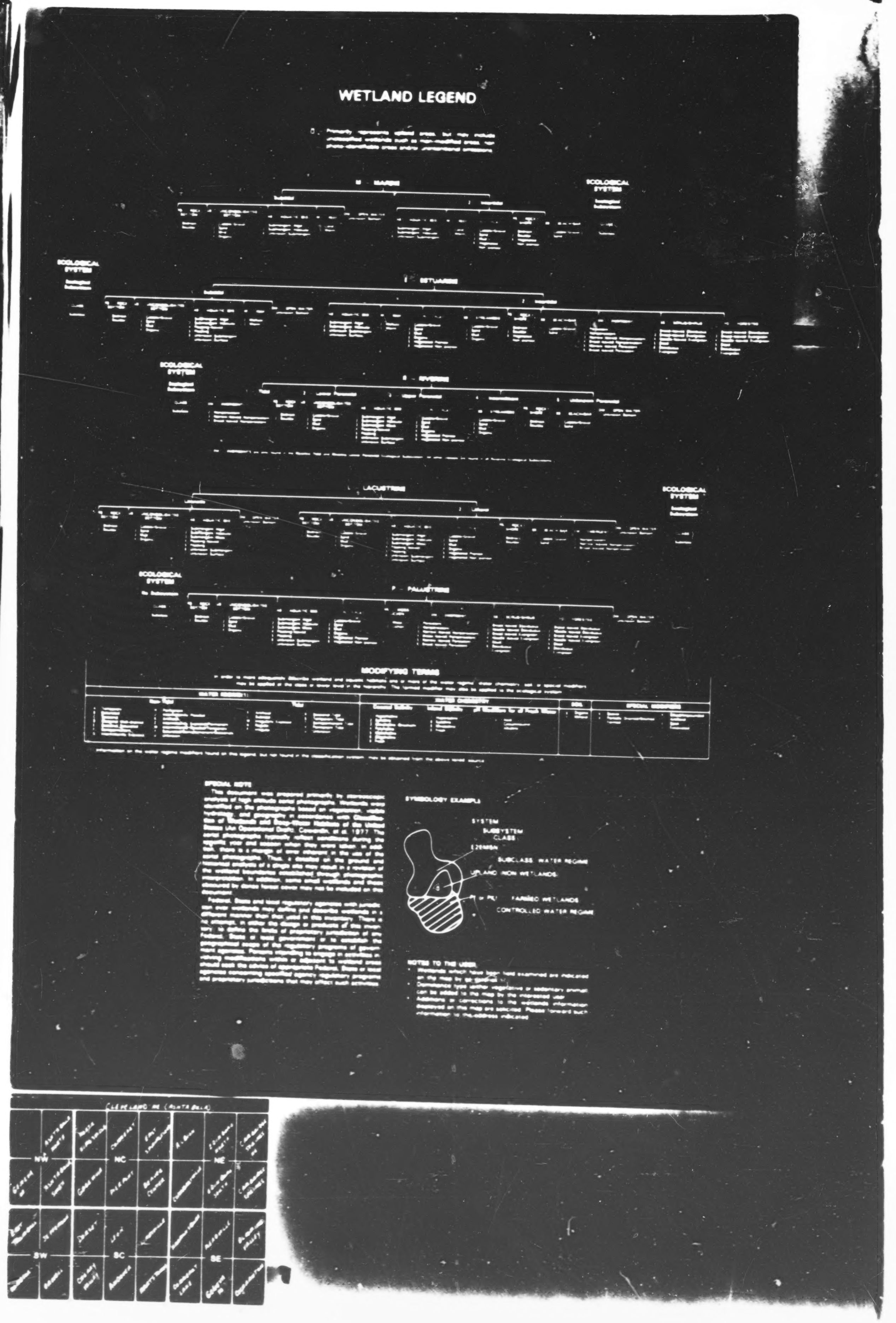
SPECIAL NOTE

HYDROLOGY EXAMPLE

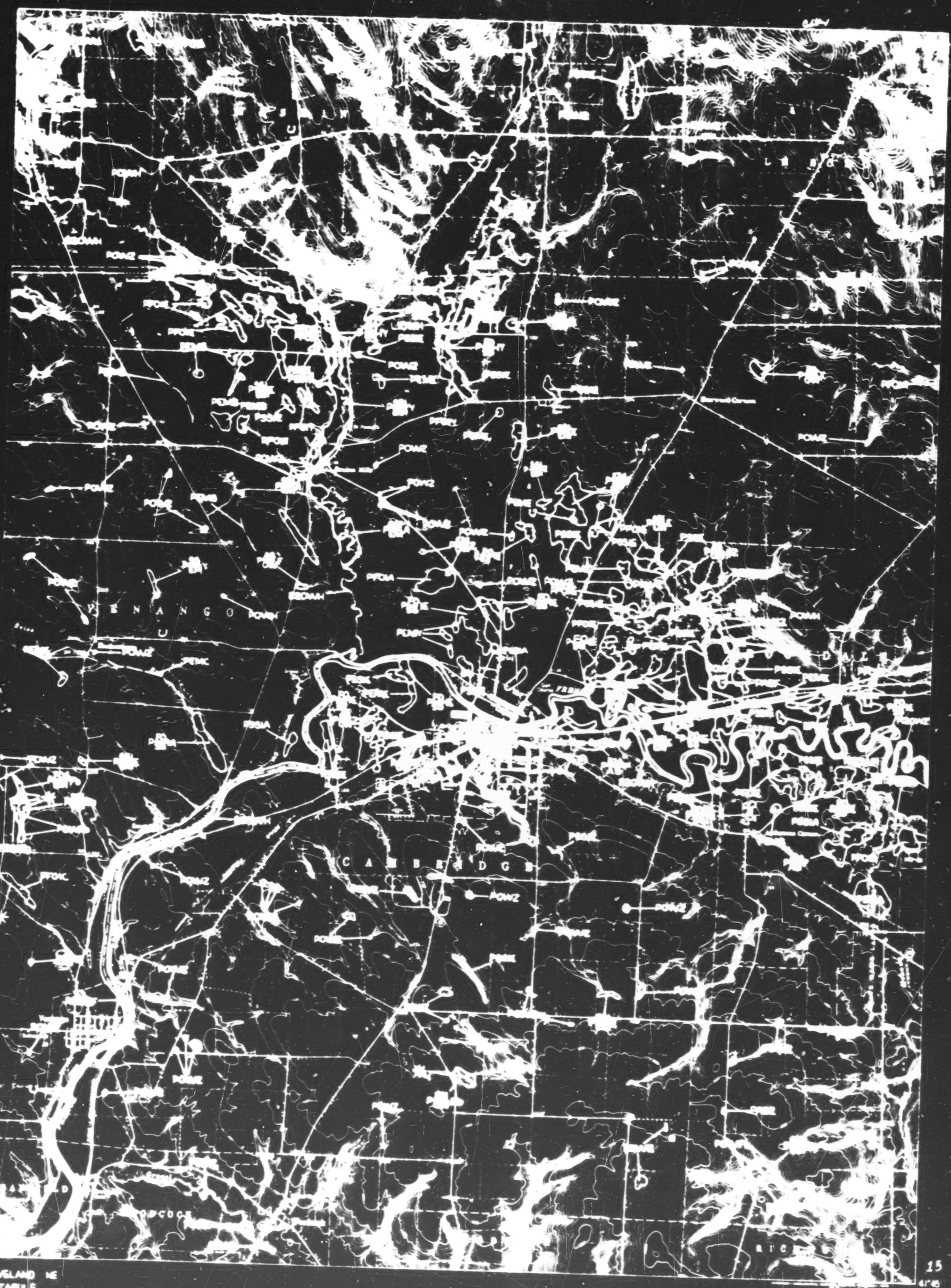
NOTES TO THE USER

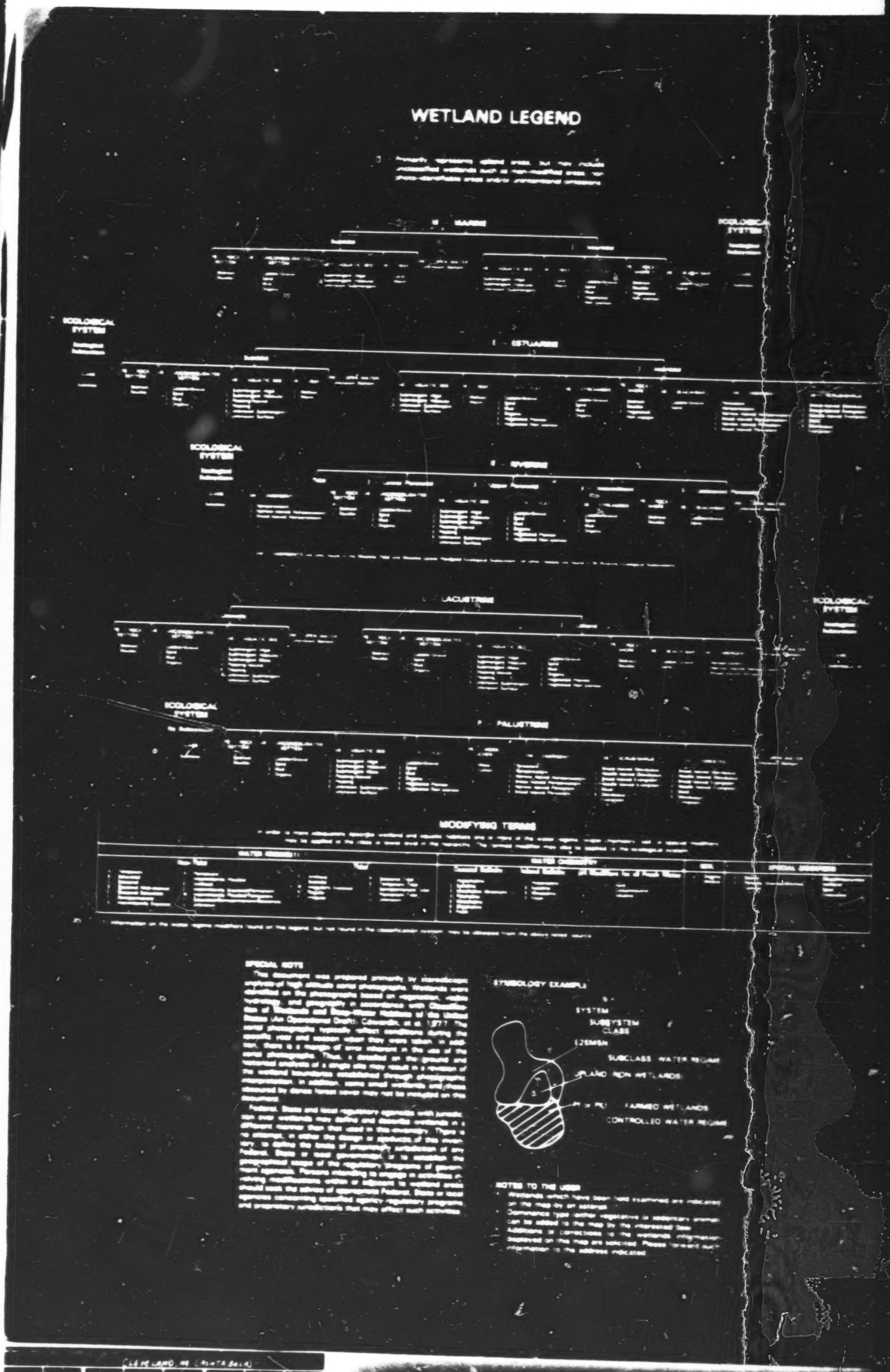

POWZ
PIOTY
PBSIA
E W A N G O
14
41°45'
80°07'30"
CLEVELAND NE
ASHTABULA
EDINBORO SOUTH, PA

WETLAND LEGEND



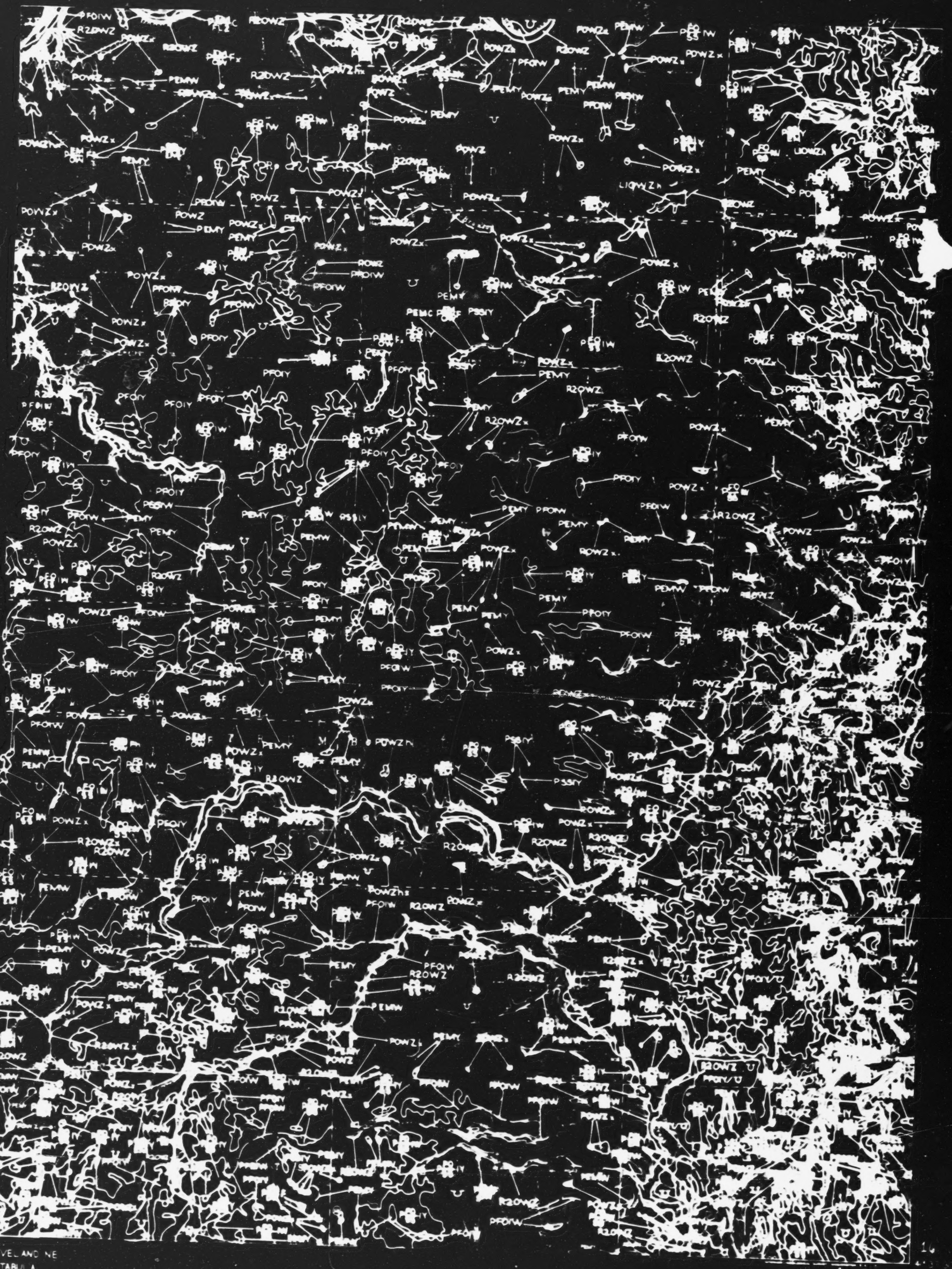
NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR




WETLAND LEGEND
MARINE
ESTUARINE
RIVERINE
LACUSTRINE
PALUSTRINE
MODIFYING TERMS
SPECIAL NOTE
SYSTEM
SUBSYSTEM
CLASS
SUBCLASS WATER REGIME
UPLAND NON-WETLANDS
FARMED WETLANDS
CONTROLLED WATER REGIME
NOTES TO THE USER
NW
NC
NE
SW
SC
SE

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

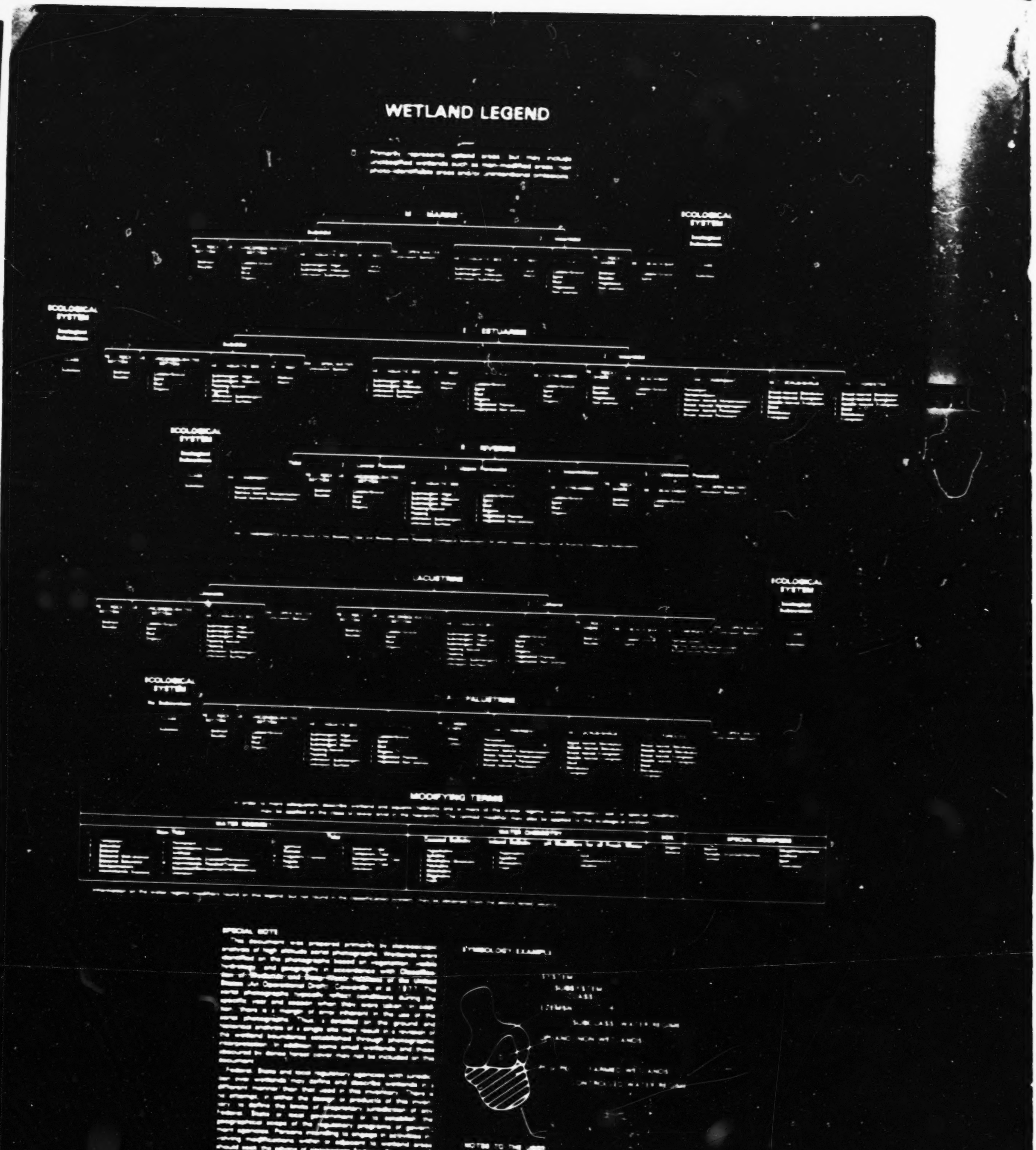


CLEVELAND NE
ASHTABULA

A/P 4/77 80°52 30

EAST TRUMBULL OHIO

WETLAND LEGEND



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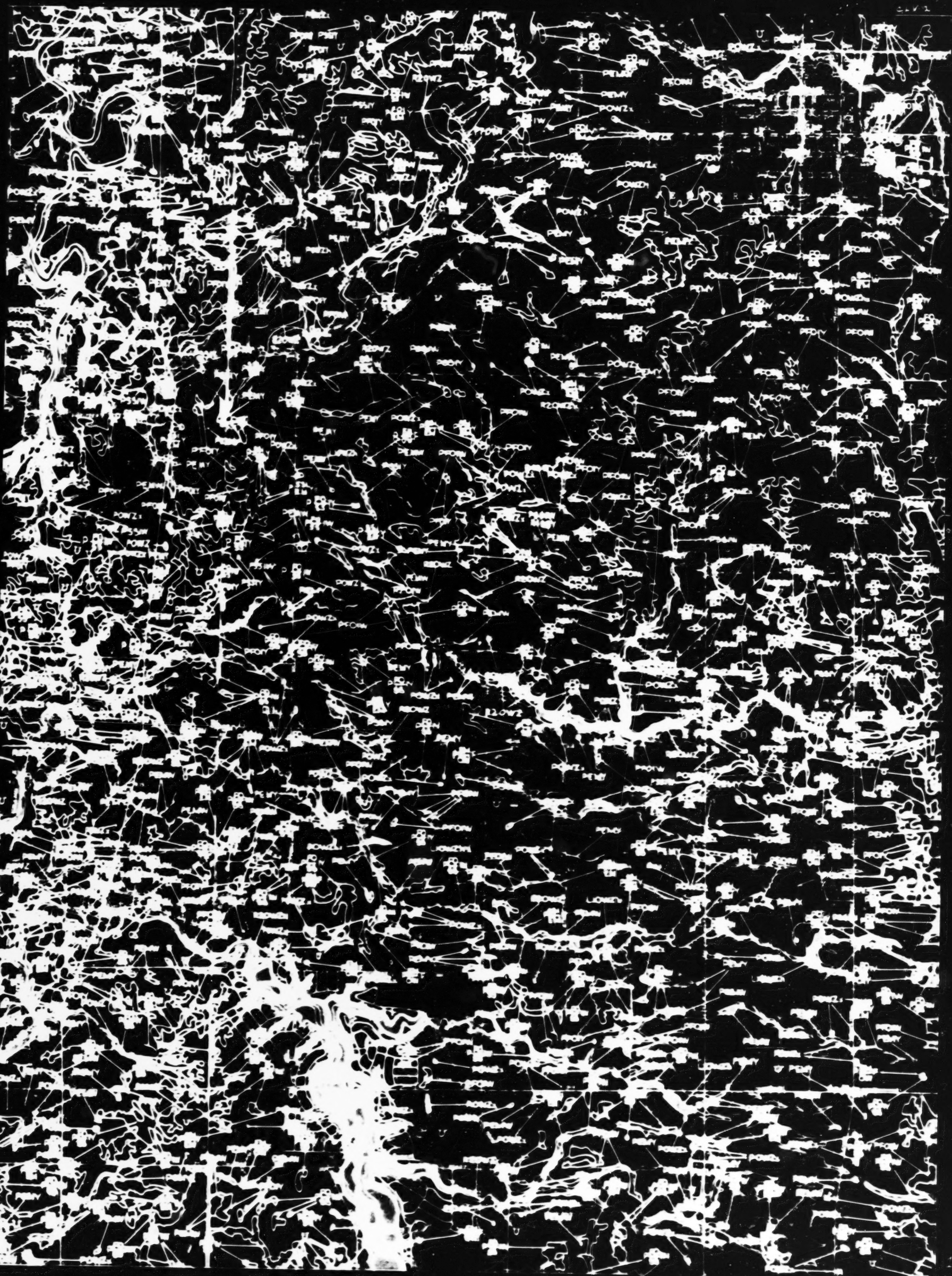
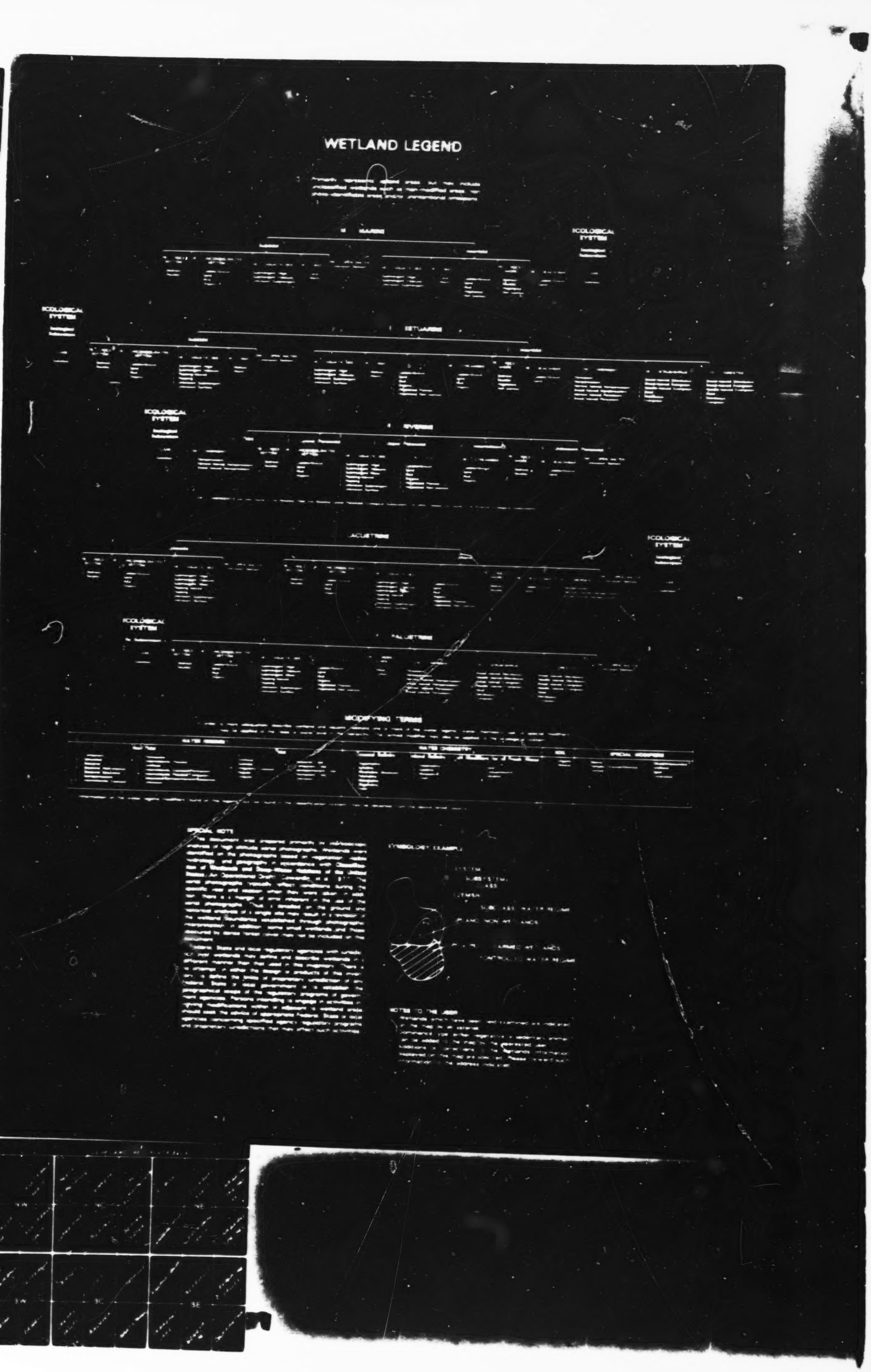


CLEVELAND NE

ASHTABULA

ERRERSON

WETLAND LEGEND



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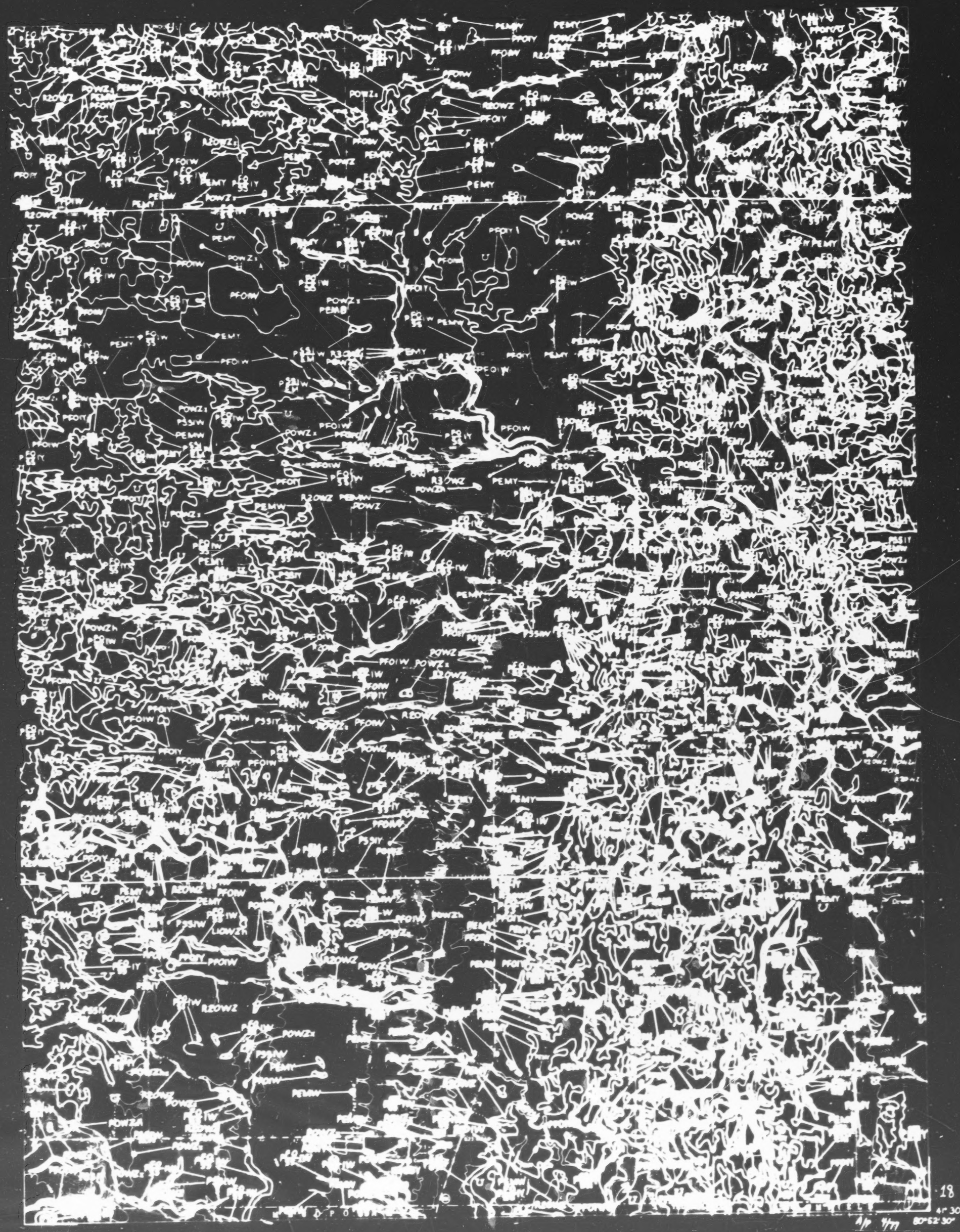
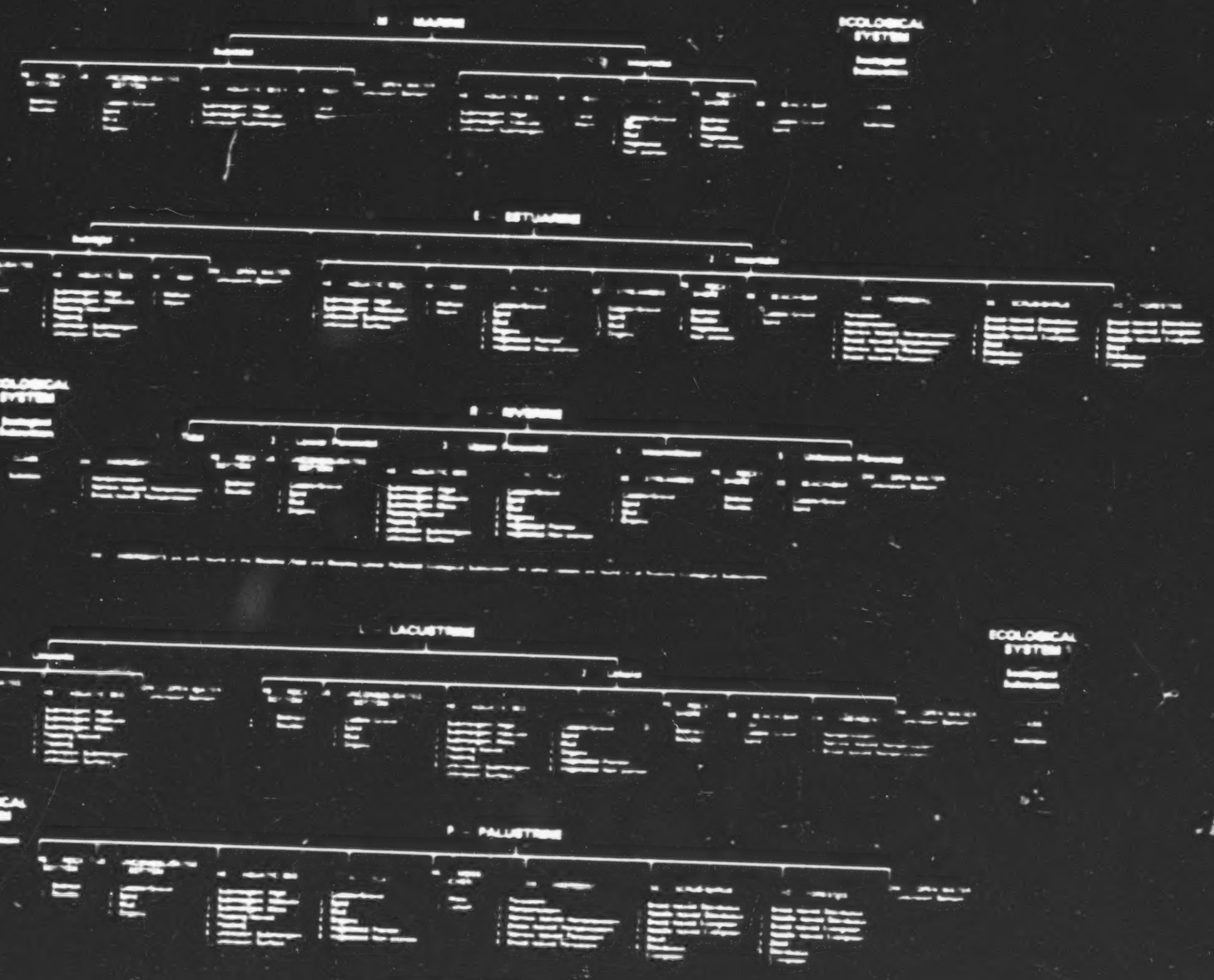


CLEVELAND NE

ASHTABULA

WETLAND LEGEND



MODIFYING TERMS

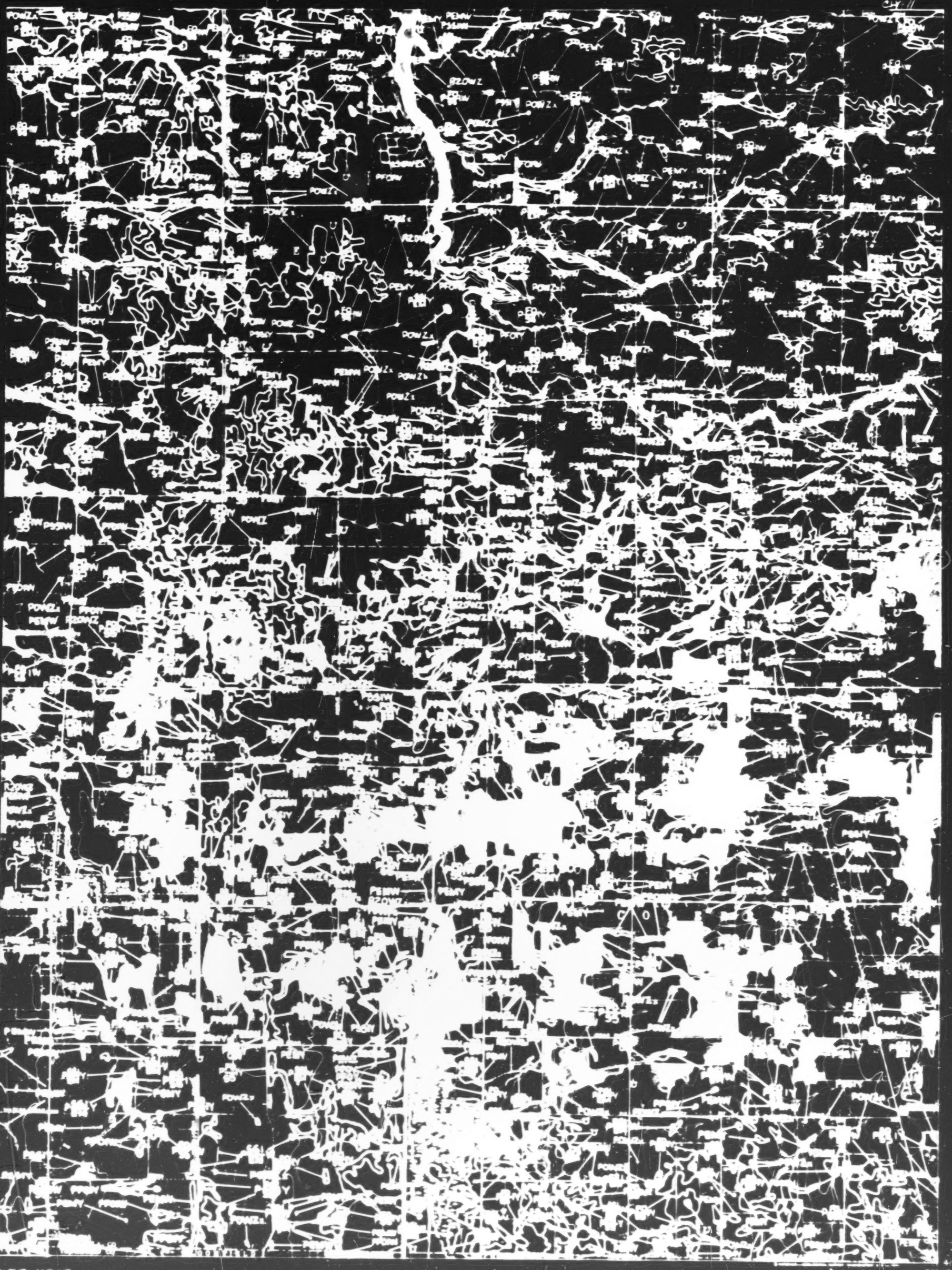
SPECIAL NOTE

SYMBOLOGY EXAMPLE

NOTES TO THE USER

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24000

41° 30

80° 45

ORWELL, OHIO

WETLAND LEGEND

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

SYSTEM

SUBSYSTEM

CLASS

SUBCLASS WATER REGIME

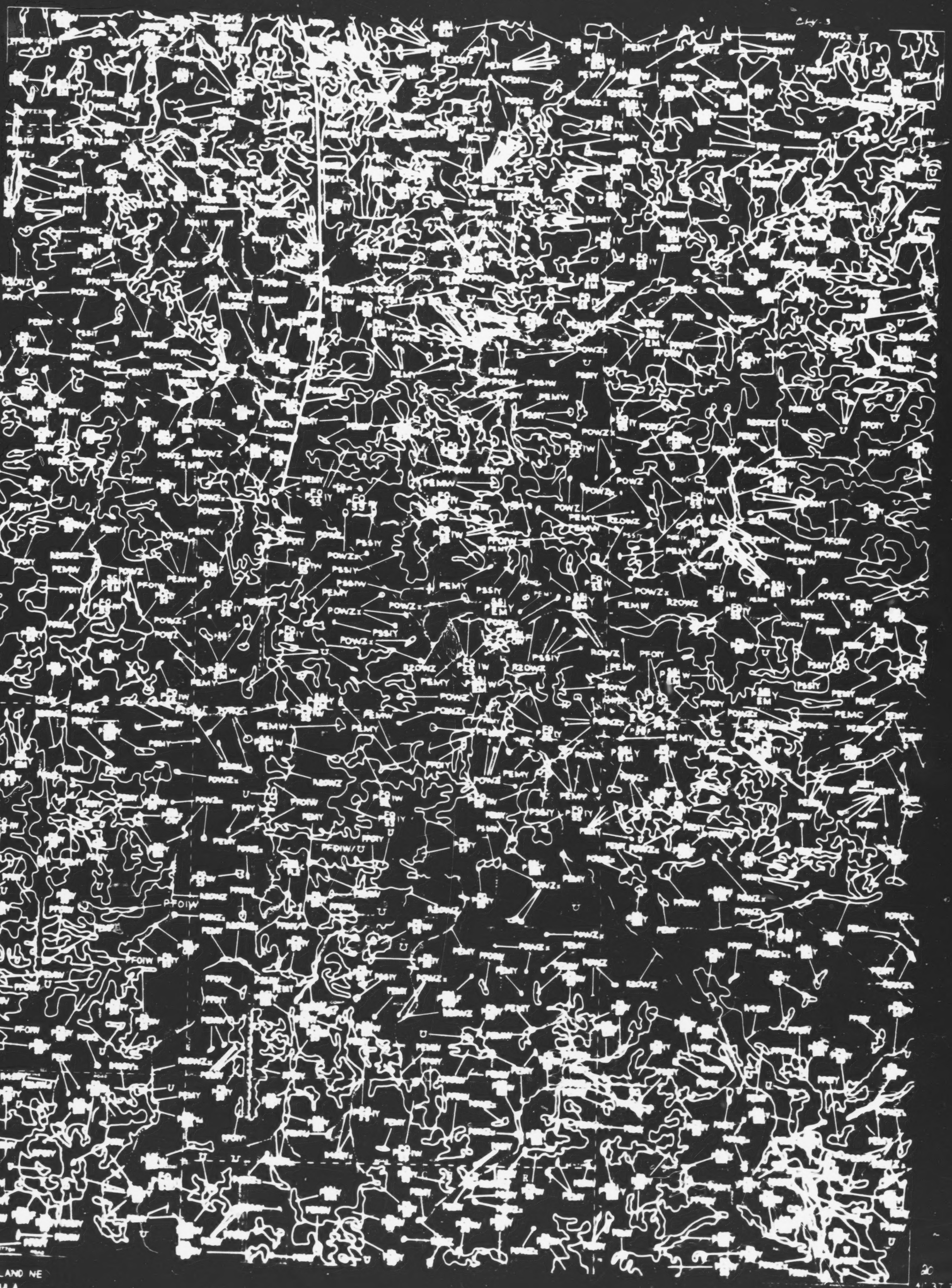
NOTES TO THE USER

NW NC NE

SW SC SE

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:24 000

DORSET OHIO

WETLAND LEGEND

0 -

M - MARINE

ECOLOGICAL SYSTEM

E - ESTUARINE

ECOLOGICAL SYSTEM

R - RIVERINE

ECOLOGICAL SYSTEM

L - LACUSTRINE

ECOLOGICAL SYSTEM

P - PALUSTRINE

ECOLOGICAL SYSTEM

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS

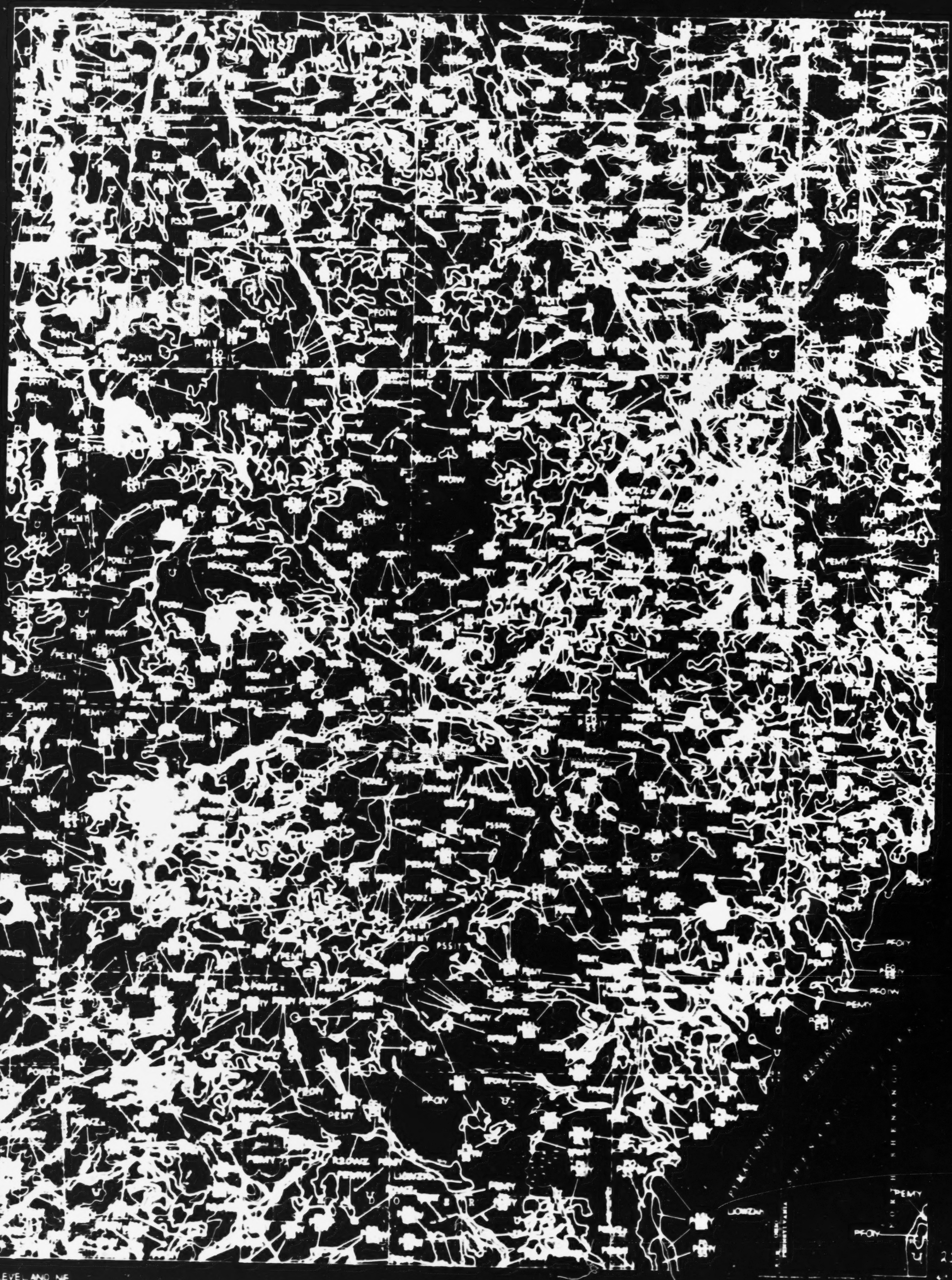
EXAMPLE

NOTES TO THE USER

NW NC NE

SW SC SE

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

A/P 4/77

WETLAND LEGEND

MARINE

ECOLOGICAL SYSTEM

ESTUARINE

ECOLOGICAL SYSTEM

RIVERINE

ECOLOGICAL SYSTEM

LACUSTRINE

ECOLOGICAL SYSTEM

PALUSTRINE

MODIFYING TERMS

WATER REGIME

WATER CHEMISTRY

SOIL

SPECIAL MODIFIERS

HYDROLOGY EXAMPLE

SYSTEM

SUBSYSTEM

CLASS

DOMINANCE

SUBCLASS

WATER REGIME

SPECIAL MODIFIERS

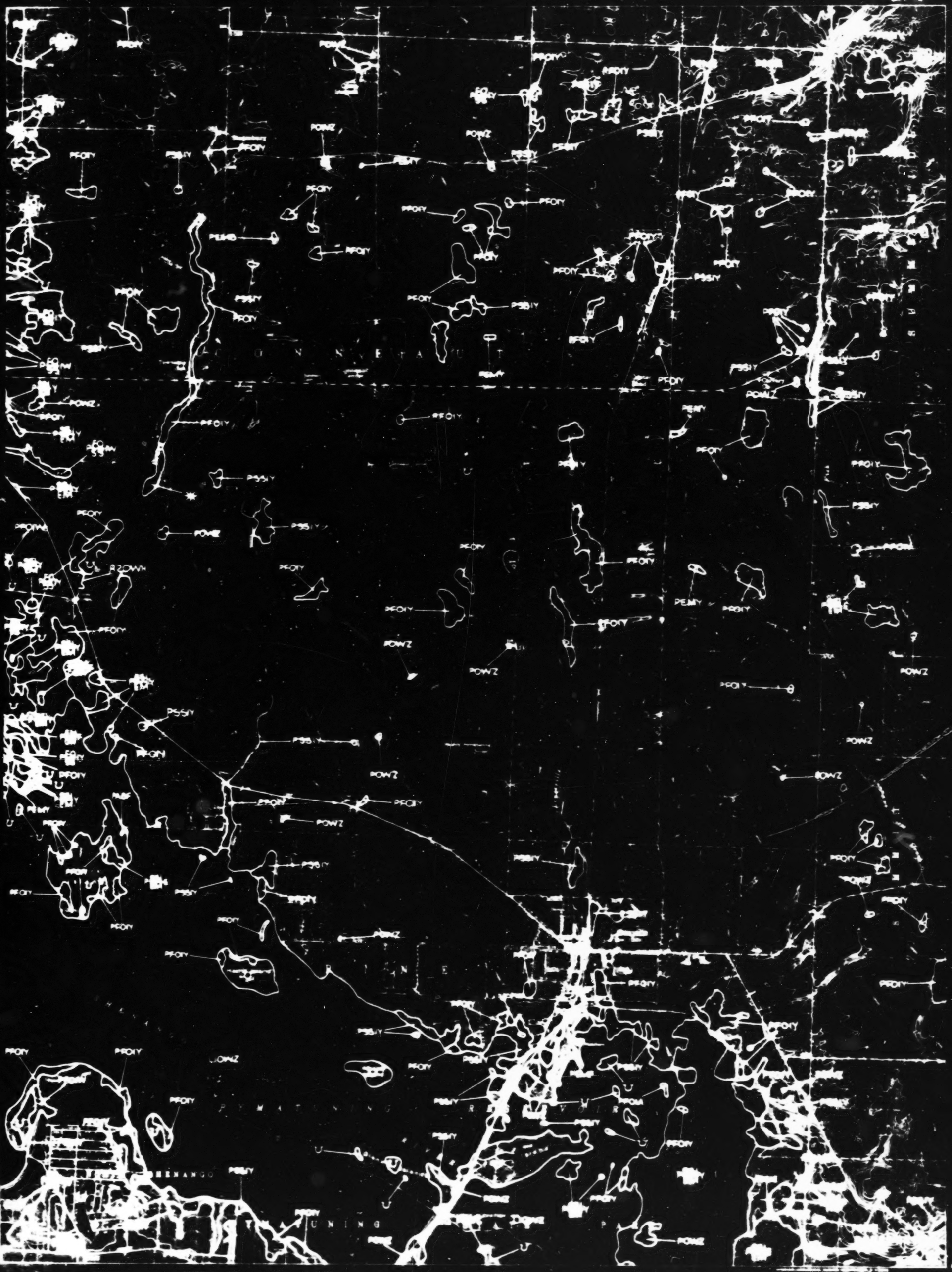
NOTES TO THE USER

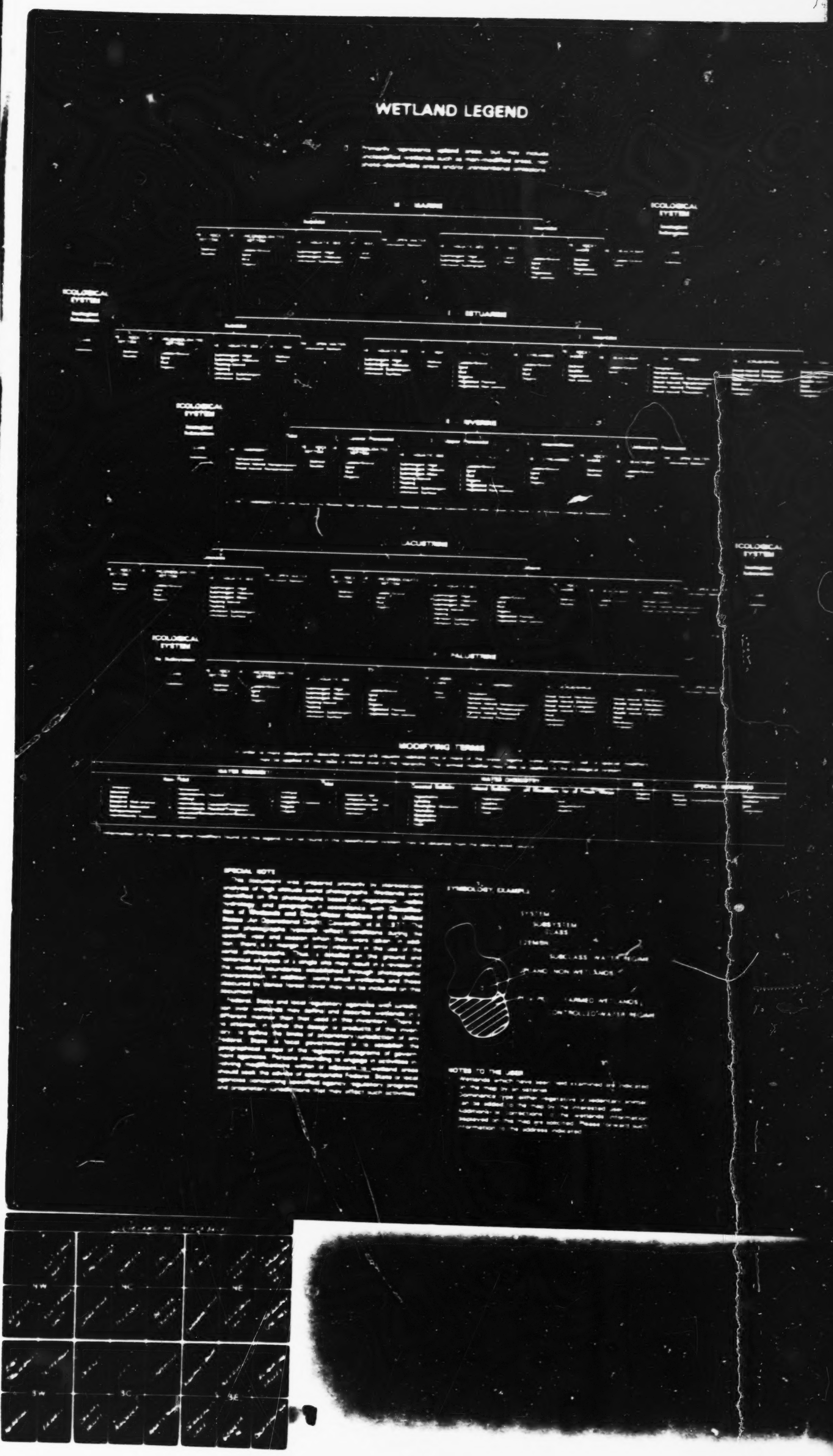
NW NC NE

SW SC SE

NATIONAL WETLANDS INVENTORY

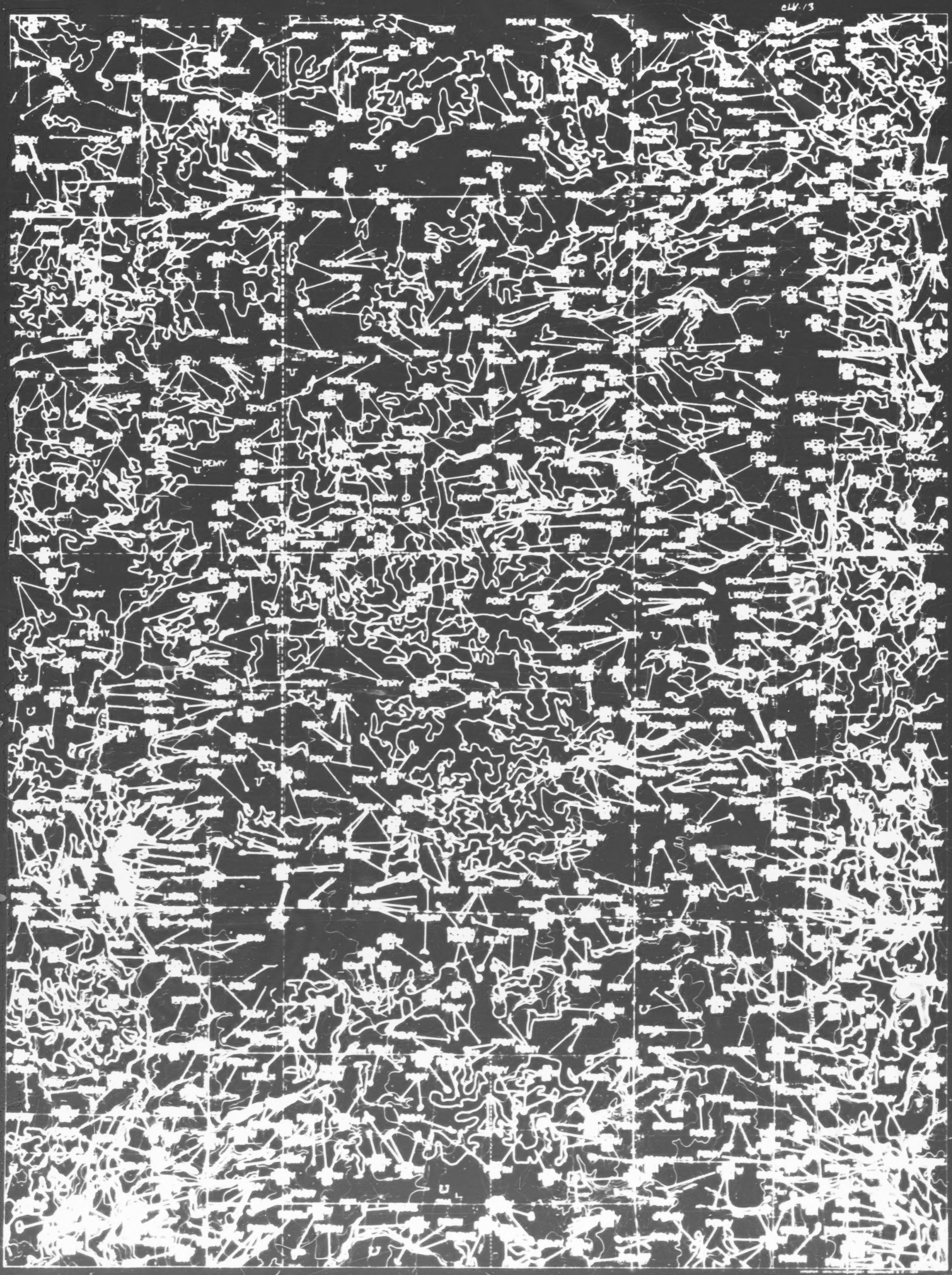
UNITED STATES DEPARTMENT OF THE INTERIOR




WETLAND LEGEND
MARINE
ESTUARINE
RIVERINE
LACUSTRINE
PALUSTRINE
MODIFYING TERMS

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

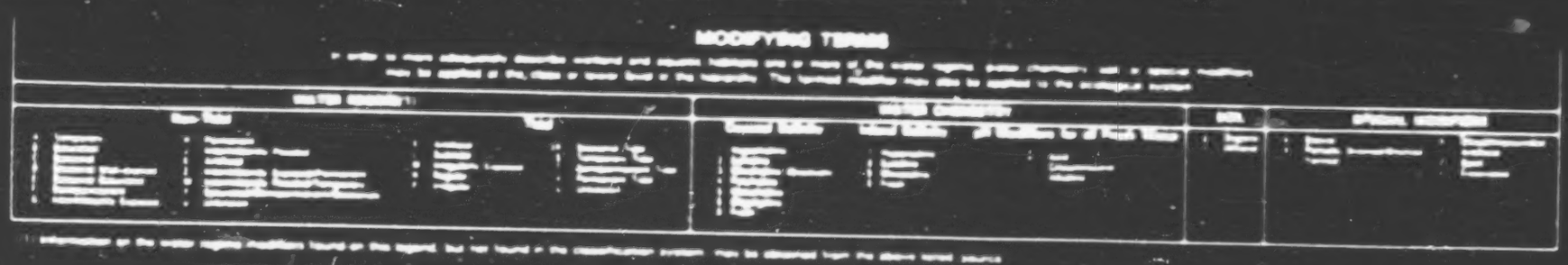
SCALE 1:24000

23
41° 30'
80°37'30"

CHERRY VALLEY, OHIO

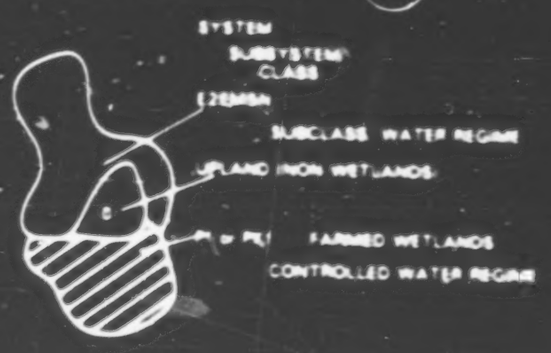
WETLAND LEGEND

MODIFYING TERMS



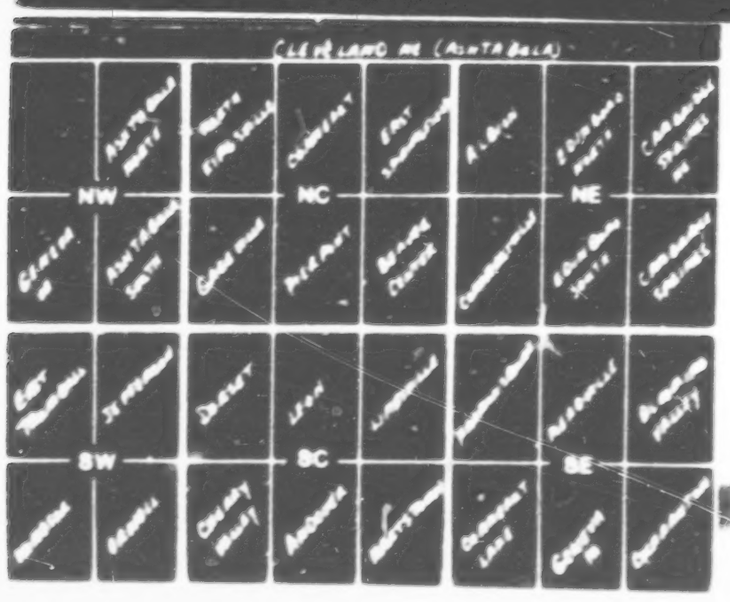
SPECIAL NOTE

SYMBOLOGY EXAMPLE



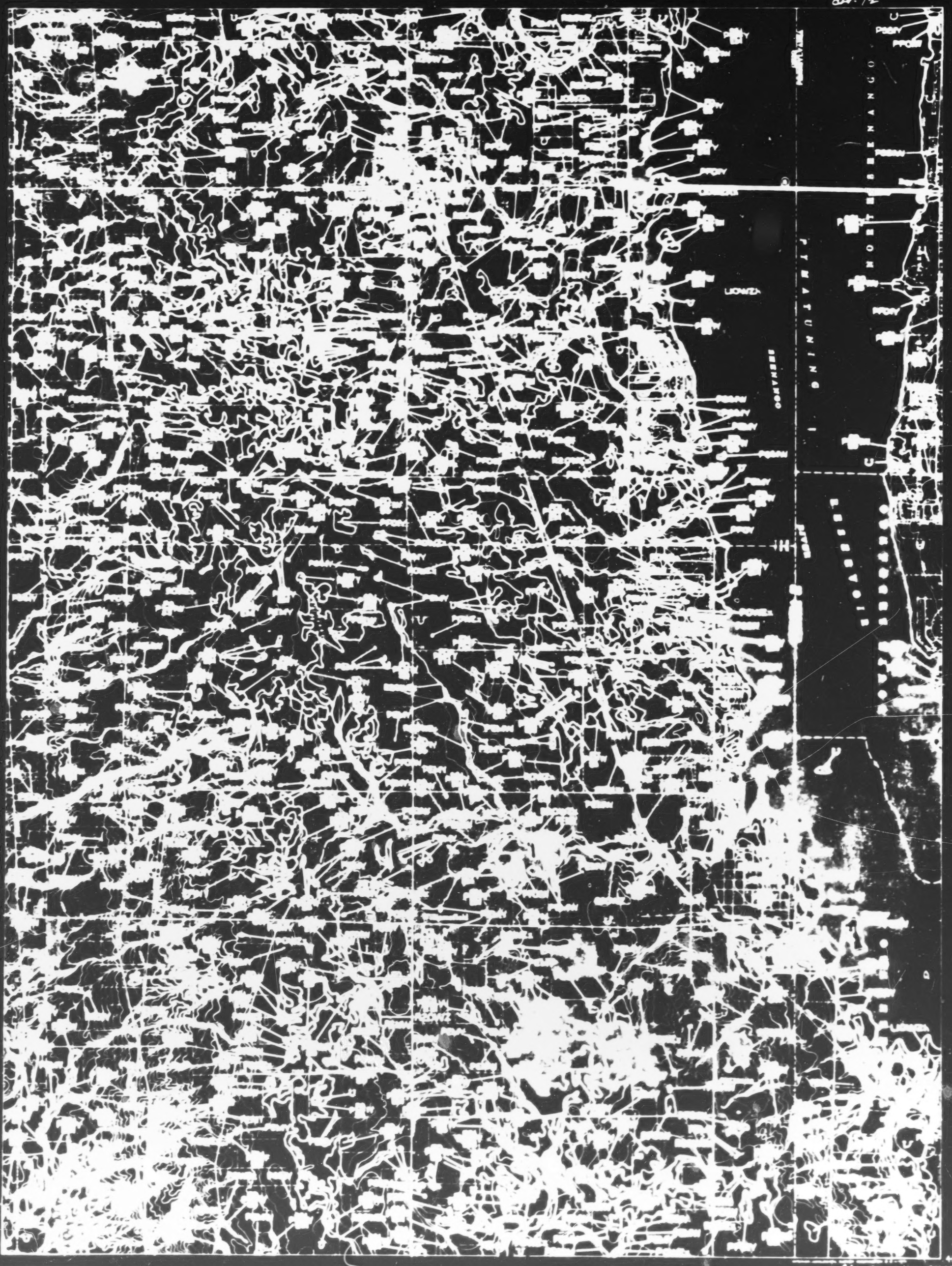
NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk
- Dominance type (other vegetative or waterway symbol) can be added to the map by the interested user
- Additions or corrections to the wetlands information displayed on the map are solicited. Please forward such information to the address indicated



NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
ASHTABULA

SCALE 1:4000

24
41° 30'
80° 30'

ANDOVER, OHIO - PA

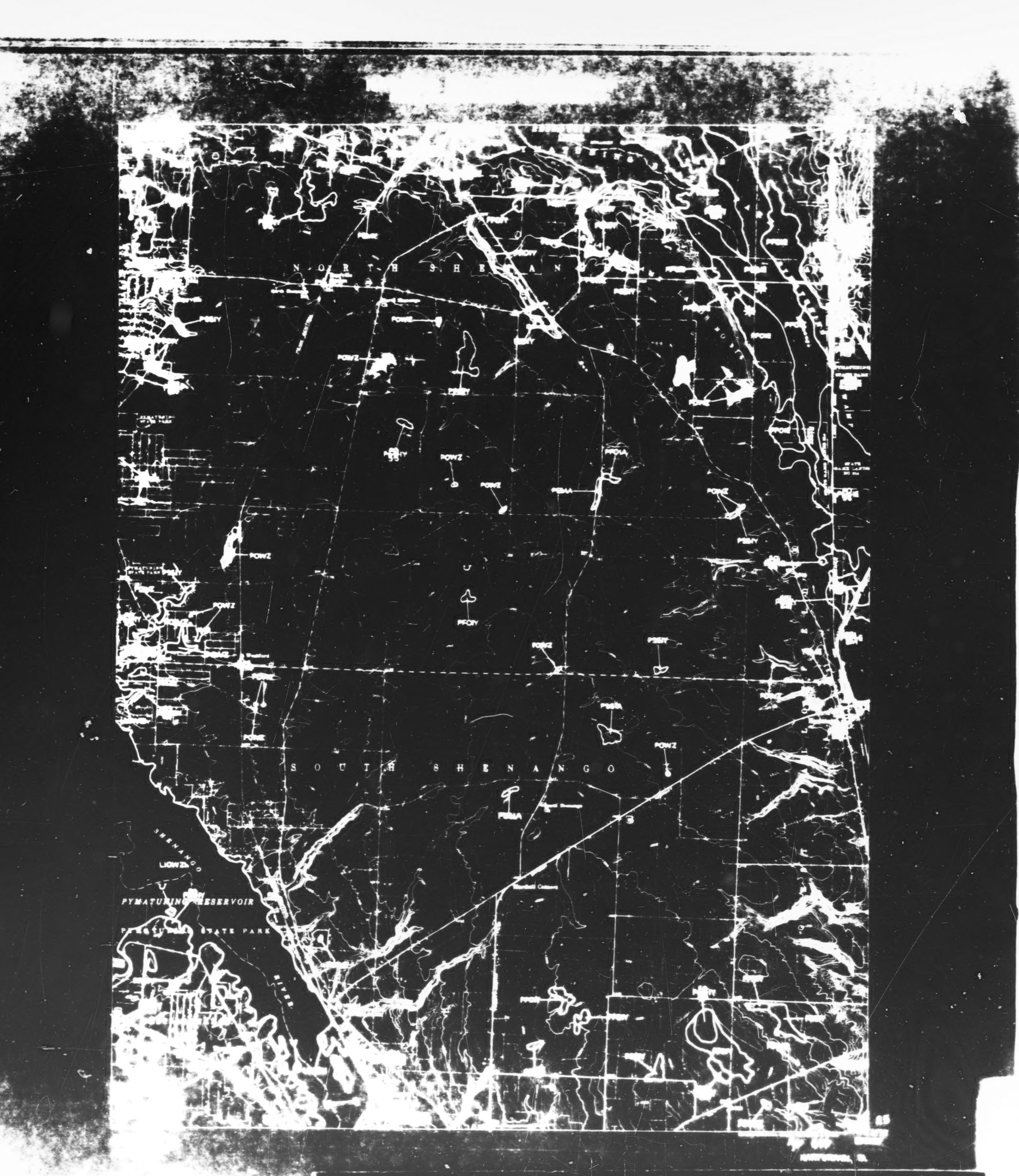
WETLAND LEGEND

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

NOTES TO THE USER


N O R T H S H E N A N G O
S O U T H S H E N A N G O
PYMATUNING RESERVOIR
PYMATUNING STATE PARK
RIVER
PEMA
POWZ
PFOR
PFOY
PSEN

WETLAND LEGEND

SYMBOLOGY EXAMPLE

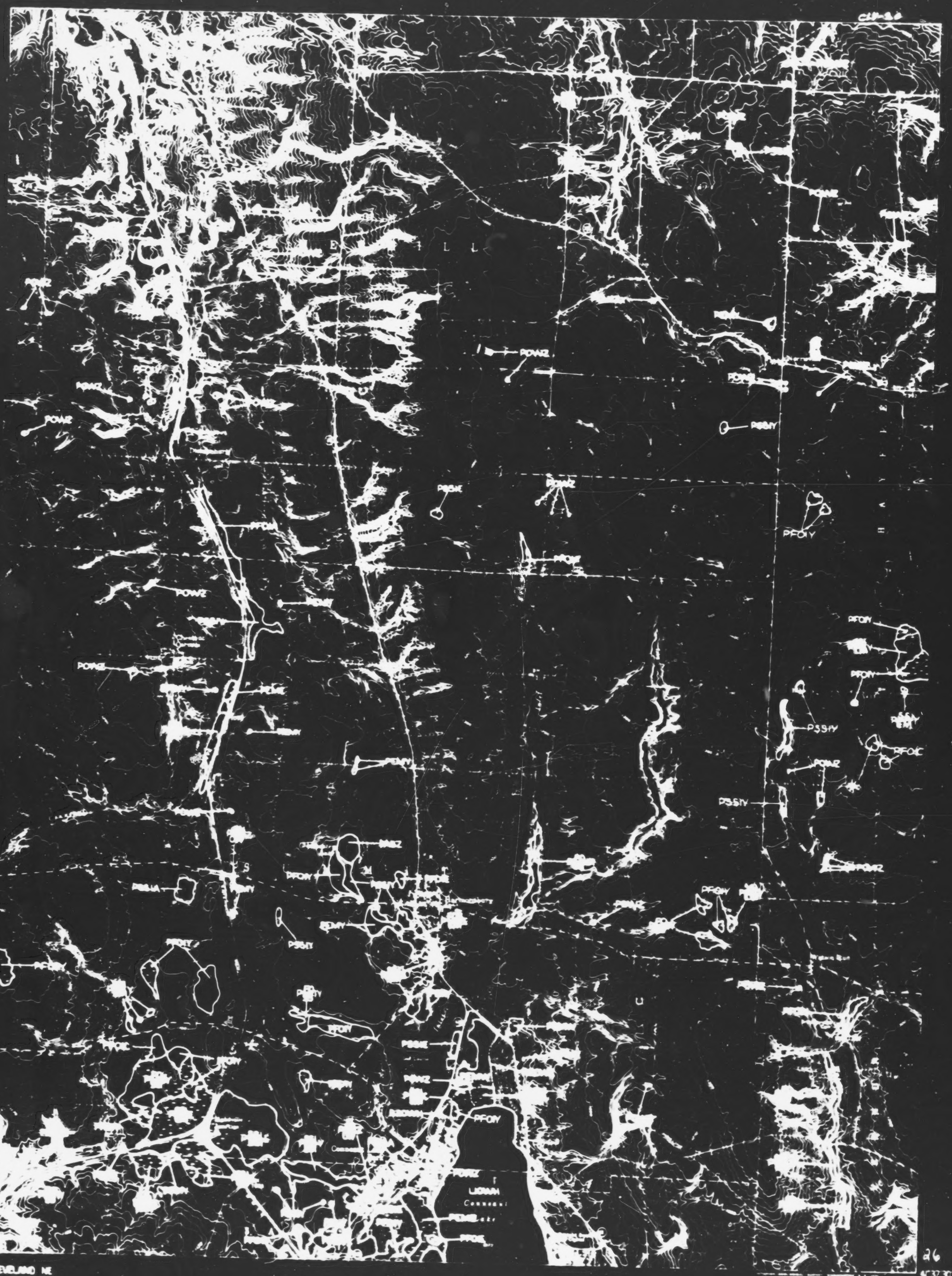
SYSTEM
SUBSYSTEM
CLASS
(ZEMISH)
SUBCLASS WATER REGIME
UPLAND NON-WETLANDS
FARMED WETLANDS
CONTROLLED WATER REGIME

NOTES TO THE USER

NW NC NE SW SC SE

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND NE
/MENTOR/LA

SCALE 1:24000

HARMONSBURG, PA

WETLAND LEGEND

MODIFYING TERMS

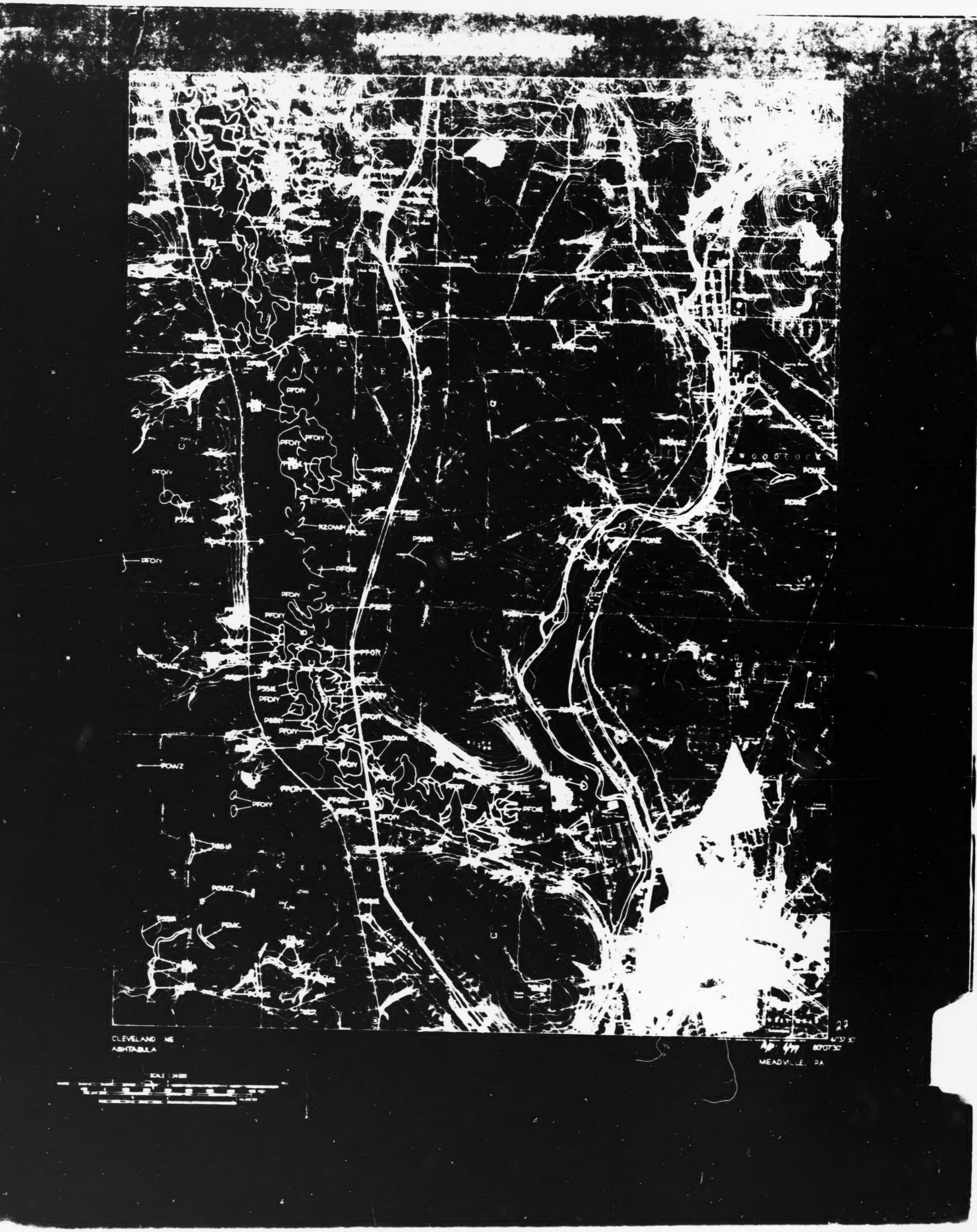
SPECIAL NOTE

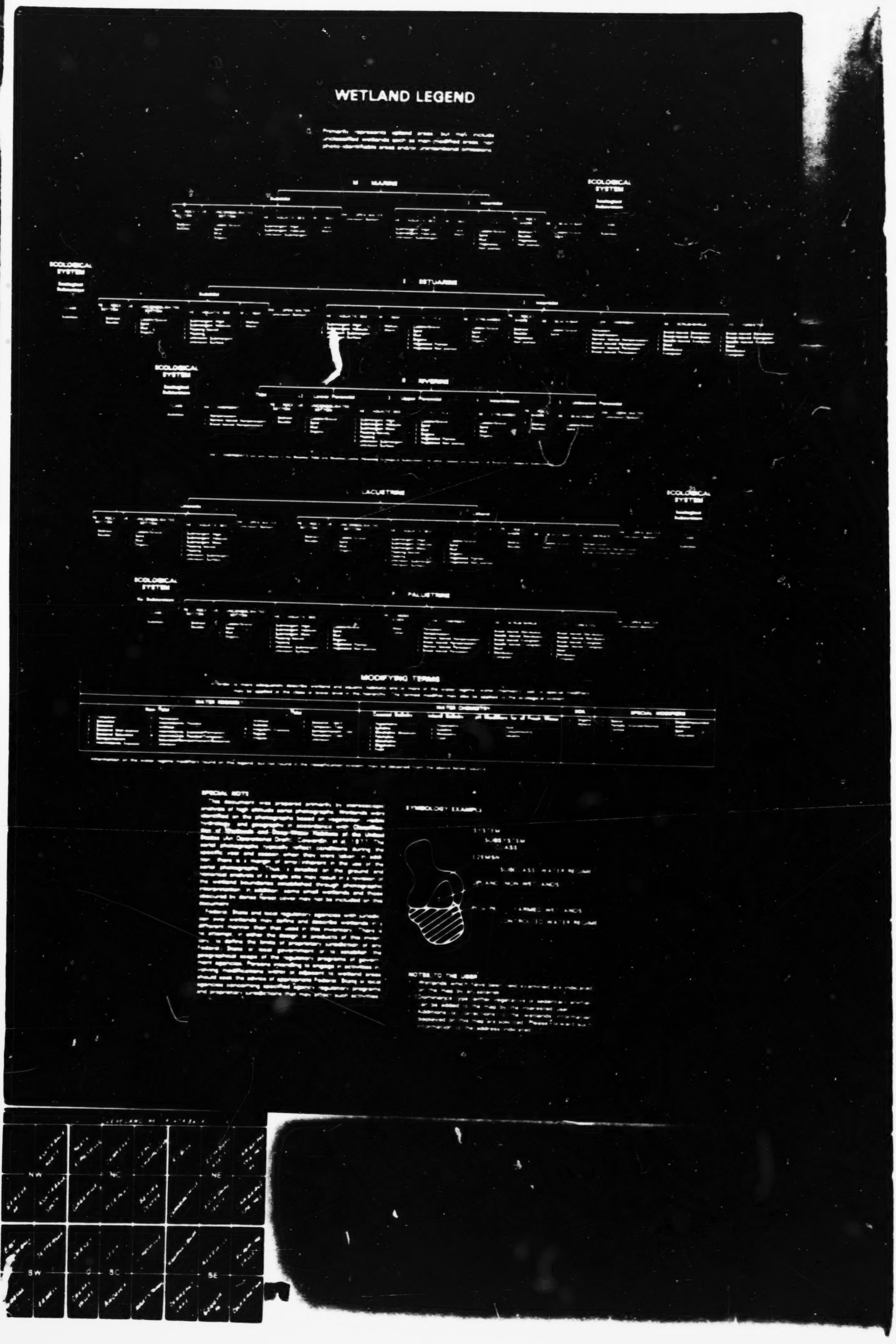
SYMBOLOGY EXAMPLE

NOTES TO THE USER

NW NC NE

SW SC SE


CLEVELAND NE
ASHTABULA
MEADVILLE, PA

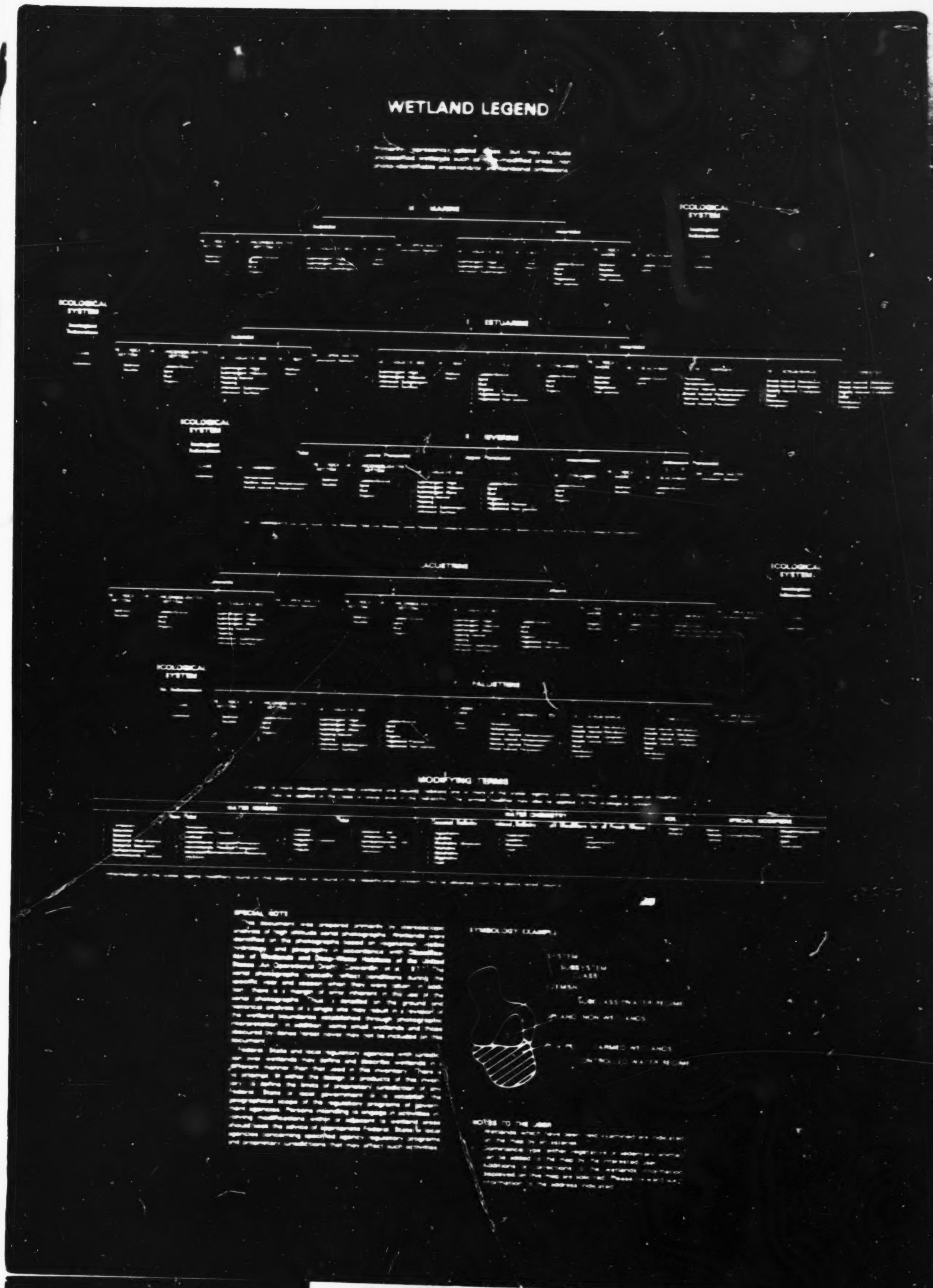

WETLAND LEGEND
M MARINE
ECOLOGICAL SYSTEM
E ESTUARINE
ECOLOGICAL SYSTEM
R RIVERINE
ECOLOGICAL SYSTEM
L LACUSTRINE
ECOLOGICAL SYSTEM
P PALUSTRINE
ECOLOGICAL SYSTEM
MODIFYING TERMS
SPECIAL NOTE
HYDROLOGY EXAMPLE
NOTES TO THE USER

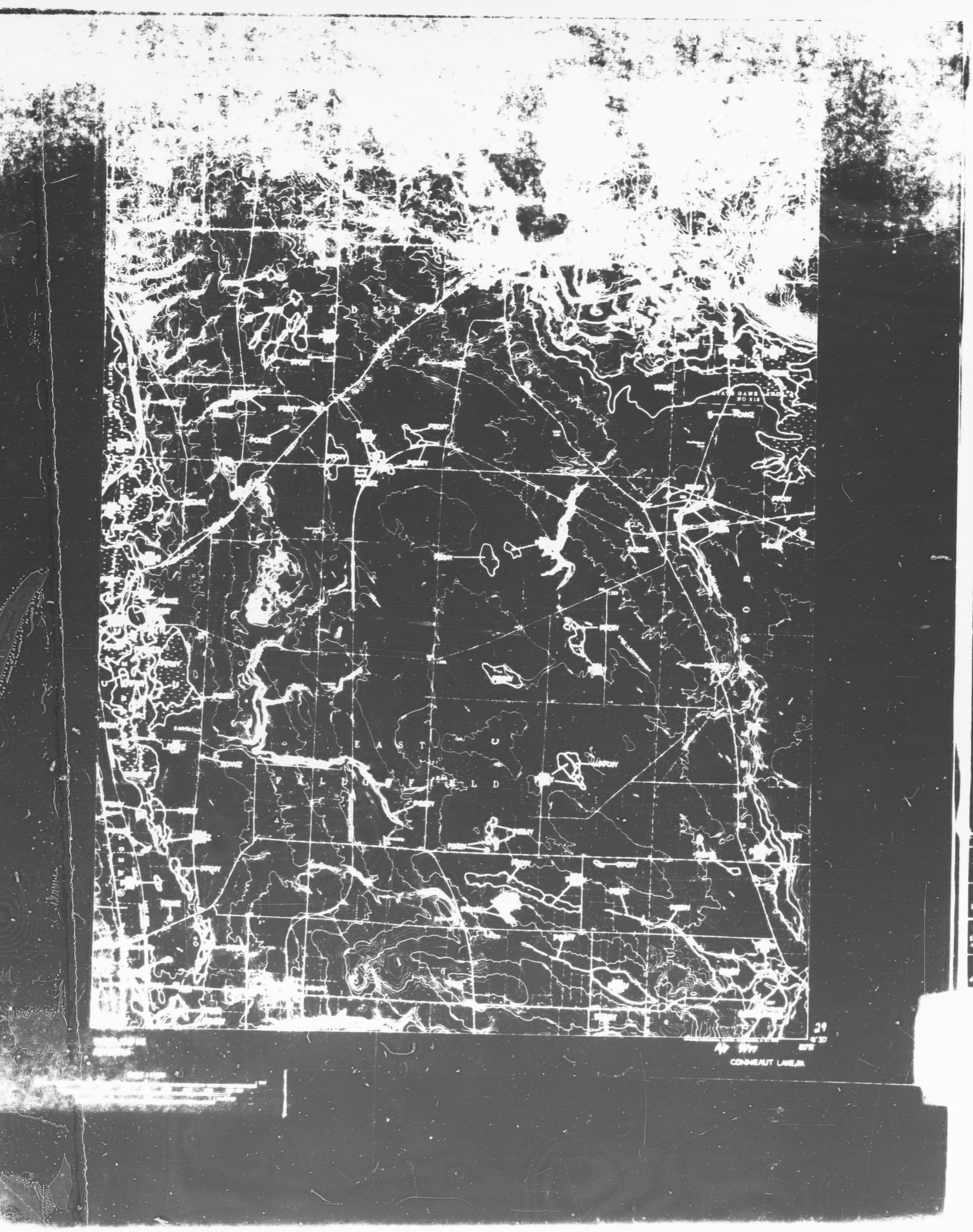
NW
NC
NE
SW
SC
SE

NATIONAL WETLANDS INVENTORY

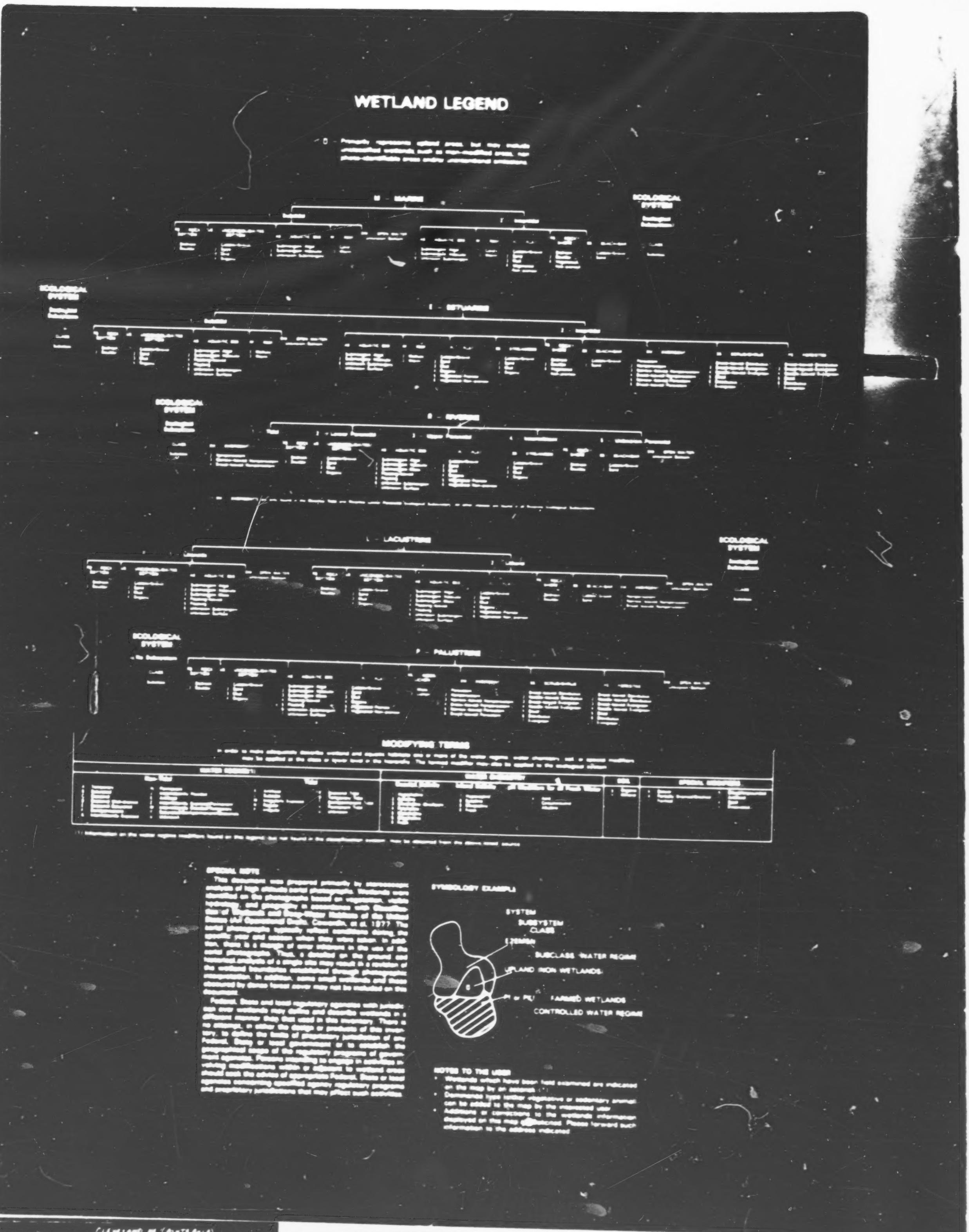
UNITED STATES DEPARTMENT OF THE INTERIOR

PEM1C
PUBH
PEMA
PEMB
PFOA
PSSC
PSSA
PFOC
PEMF
PEMC
PSSB
PFOB
PEMH
PEMJ
PEMK
PEMG
PEMD
PEMS
PEMR
PEMT
PEMU
PEMV
PEMW
PEMX
PEMY
PEMZ
PFOY
PSSY
PUBY
PABH
PABF
PABG
PABJ
PABK
PABZ
PUSC
PUSA
PUSB
PUSH
PUSJ
PUSK
PUSZ
PSSH
PSSJ
PSSK
PSSZ
PFOH
PFOJ
PFOK
PFOZ
PUBF
PUBG
PUBJ
PUBK
PUBZ
PABA
PABB
PABC
PABD
PABE
PABS
PABT
PABU
PABV
PABW
PABX
PABY
PABZ
PUSF
PUSG
PUSD
PUSE
PUSS
PUST
PUSU
PUSV
PUSW
PUSX
PUSY
PUSZ
PSSF
PSSG
PSSD
PSSE
PSSS
PSST
PSSU
PSSV
PSSW
PSSX
PSSY
PSSZ
PFOF
PFOG
PFOD
PFOE
PFOS
PFOT
PFOU
PFOV
PFOW
PFOX
PFOY
PFOZ
PUBF
PUBG
PUBD
PUBE
PUBS
PUBT
PUBU
PUBV
PUBW
PUBX
PUBY
PUBZ
PABF
PABG


WETLAND LEGEND


EAST
FIELD
CONNEAUT LAKE,PA

WETLAND LEGEND



NATIONAL WETLANDS INVENTORY

WETLAND LEGEND

MODIFYING TERMS

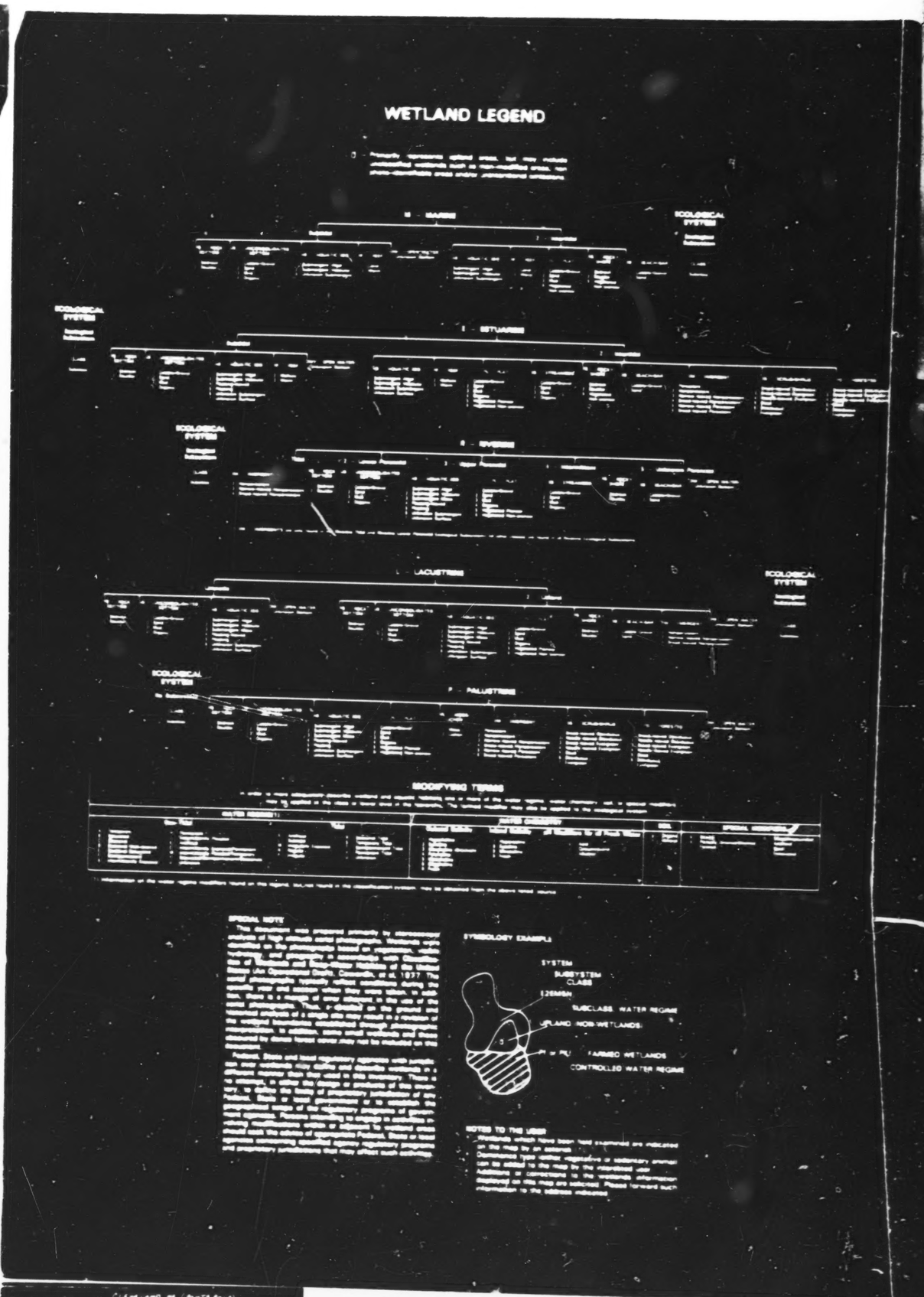
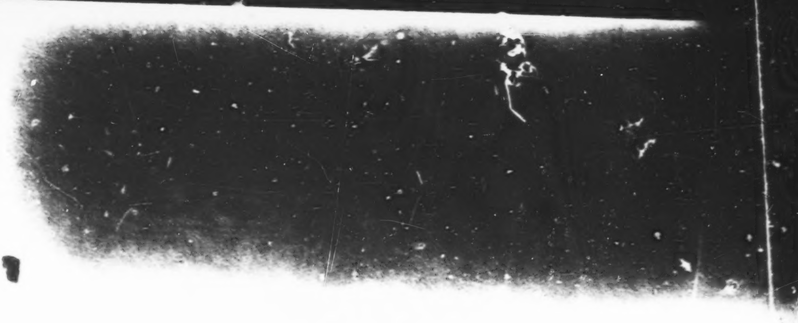
SYSTEMS

SYSTEMS EXAMPLE

NOTES TO THE USER

CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

WETLAND LEGEND